

# SEQUENCE LISTING

<110> Williams, Lewis T.  
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Crkvenjakov, Radomir  
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Drmanac, Snezana  
Labat, Ivan  
Leshkowitz, Dena  
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Garcia, Veronica  
Jones, Lee William  
Stache-Crain, Birgit

<120> Human Genes and Gene Products

<130> 1624.002

<150> 60/188,609

<151> 2000-03-09

<160> 2396

<170> FastSEQ for Windows Version 4.0

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tgagtctca cagacagtgg ctttgagaaa cctgctcttg gtgtccccac atgacctcat	180
tggtcaacct tagtgctgct aacagcaaga caagcagata ctgtgtgcat tccgacatga	240
ggcagtacaa agtacatagt atcacctagg aactagtctt gccaaaagca gaggggggca	300
gggggagaca gagagacaca nagagagaaa cagagaccgt gacagtgaga aatttaacct	360
an	362

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 gtaaatttat gcttaactat ccagcaacat ggtaatgggt atgtggccct taggttttta 180  
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 ggtggcacat gcctgtaata ccacttacta tgcagtggga ggctggataa tcaactgaac 180  
 ctgggaggcg aaggttgtgg tgagccgaga tcgcaccatt gcaactccagc ctgggcaaca 240  
 agagcgaaac tacgtctcat aaaaaaaaaa aaaaaaaca tggggggccc ttttttgggt 300  
 attcccacca tgaaaaaaat cattgcaggg gtgggccaac cccactctaa ggtggcgggt 360  
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 caactaagggt catctcttcc ttgccattaa cttcctgaac gcctgtaatc ccagcacttt 180  
 gggaggccga ggcgggcgga tcacgaggtc aggagatcga gaccatcccg gctaaaacgg 240  
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 tccatttttag agccagcaag ccaatcacat ttcaaggcct ctggtcccct tttgtgaaat 180  
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 aggataaggc tactgatttg atactaaatg aatcagcagt ggatgtaggg atagctgatt 180  
 ttaaaacact cggctgggca cagtggctca cacctgtaat ccagcactt tgggaggctg 240  
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 cctcccaaag tggtgggatt acaggcgtga gccaccgcgc cgggccgagc agataggtta 240  
 tcaaagagct gagcaaagat tgtagcagtc tcacagtact agggagataa aggtaggaat 300  
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 tnaccatatt ggccaggctg atcttgaact cctgtcctcg ggtgaactat ctggcatggt 180  
 ctagtattgt gacgtgcaca catacttctt tttgtatgaa ttcttcagca gaaatggggg 240  
 tacttgggct gtgcgcccc cgctcctctt tataatgtct tgtatttaga aggaaggggc 300  
 tgcgttggcc tcttcgaaat gtcgcggtta taaattcgct gaggagtgtct tgtgaccacc 360  
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 gaaaaaatag gaaacgaaga ggagaagaat agggaggagga aaaggatggg agaaaagaaa 180  
 aaggaaaagt aggaggagta gaaaaagagg agaaggagga agaagaaaga gaaggaggag 240  
 acgaaaagaa tgagaaaaag aggagaggag aatgaggaga aggcgtataa gataagaacg 300  
 aggagaggat taagaaggag aagtagagga ggaggagaga agaggaaagg aggaggaaag 360  
 gagaatacaa ggaggaagag aa 382

<210> 10  
 <211> 326  
 <212> DNA

<213> Homo sapiens

<400> 10

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tcagaaaaaa	acgagacaga	agggtataag	catgagtgtg	ggcaggggtg	tgtggttcac	180
ttctgtaatc	ccagcacttt	gggaggccaa	ggtaggagaa	tcccttgaag	ccaggaattc	240
aagaccaccc	tgggcaatat	agcaaaacca	tgattctaca	aaaaattaaa	aagttatctg	300
agtgtggtgg	cacacacctg	tagtcc				326

<210> 11

<211> 286

<212> DNA

<213> Homo sapiens

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<222> (1)...(286)

<223> n = A,T,C or G

<400> 11

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gacgagtgtg	atacctacaa	gcttatnact	tgggaggctt	gctctttag	tatcgcttgt	180
atcttttggg	ggttgtagac	tatatgttct	ctgttttctt	tttttctctt	tcttttttta	240
atgaaaaaaa	aggacctctc	ggttttat	gtgtggttat	ttatcg		286

<210> 12

<211> 325

<212> DNA

<213> Homo sapiens

<400> 12

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gaacgggagg	agatttgcta	taggaaagtc	ctaaaataaa	ggaaaagtga	tgagccctaa	180
taaaacaagta	gtgtttttga	ctcagcattg	aaaaaaatga	atgagctatg	accaggagat	240
ctaagtttct	tttggtggct	aacatgcaca	aaagttatct	gttcaataag	ggtagtattg	300
atggtccata	tctcatatta	actag				325

<210> 13

<211> 320

<212> DNA

<213> Homo sapiens

<400> 13

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tgattcggct	gccttggcct	cccaaagtgc	tgtgattacc	agcgtgagcc	gccgtgcccg	180
gccactagcg	gcatttaatt	aaagagatct	tggcgccgct	tctcgtatac	tattgcctct	240
aaccttgccg	gtgacctgcg	ctgatcctta	gtctgcttat	tggaaataacg	gggatgtcct	300
tgctttcaca	aggtttgatc					320

<210> 14

<211> 353

<212> DNA

<213> Homo sapiens

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 tctactatgg agggagagggc tggataatca cttgaacctg gtaggcgaag gttgtggtga 180  
 gccgagatcg caccattgca ctccagcctg ggcaacaaga gcgaaactac gtctcacaaa 240  
 aaaaaaaaaa aaaatctttg gggccgggttt ttaaataaac tcgacatgga agcacacact 300  
 tgtaggcttg ggcacacccc aaagcttgag cggcgggaaa aaattgtttt ttg 353

<210> 15  
 <211> 349  
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 <213> Homo sapiens

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 aattggcttc attatttggg ccaccacttt tatatacata ctgggtttga gggcagcaac 120  
 cagcattctt ggctaagata aatgaggctg ggcacagtag cttatgcctg taatcccagg 180  
 actttgggag gcctaggtgg gaggatcact tgagcttagg agttctagac tagcctaggg 240  
 aacatagcaa gaccctaact ctaaaacaat tttttttttt tttttttgga gaagagtttc 300  
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 <211> 405  
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 <213> Homo sapiens

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 <222> (1)...(405)  
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 ttttttccaa aggggacttt ttctgaacc ccataatgt tttatgcttc ttatatggag 180  
 tttatataat tttgcattgt attggaatca tttaggtaat tgtcttatct tcattgctag 240  
 agtgtaagct ctttaaggta aagacagtgt tattcagtta attatctccc caaataccta 300  
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 ttaagctatc acatttagtg cctatggtag gcactaaatc aagggt 405

<210> 17  
 <211> 307  
 <212> DNA  
 <213> Homo sapiens

<400> 17  
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 ggattgatag tatagacggg tttttattgt tttttccac atttttcttt ttagtattgc 180  
 ctatatttcc tcggcatctt gtaccttaata gtgtgcgttt aaaaaattgc ctggcaacat 240  
 atatacgtt ttttattttt atgacttgaa taaaaaagg tgggactccc aatttgttct 300  
 cgacact 307

<210> 18  
 <211> 138  
 <212> DNA

<213> Homo sapiens

<400> 18

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gtggagccgc	ttgaatcg					138

<210> 19

<211> 324

<212> DNA

<213> Homo sapiens

<400> 19

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cacgaaacaa	ccccccaata	tggtagaata	aatgcctatt	tctaagggtg	tatagtcttc	180
caatgcacac	cttcagggttc	agacttagac	aagacaaaa	tatactttag	ttctaatacac	240
cctcctaaag	acaccacggc	agagtgcact	cccaacctct	accatacata	gcggaaaggc	300
acacactact	actgtgagct	gaaa				324

<210> 20

<211> 280

<212> DNA

<213> Homo sapiens

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<221> misc\_feature

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<223> n = A,T,C or G

<400> 20

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caatatttct	acatttttaa	tgaaaaaaa	tgctgaccc	attcattgga	gaaaacaacc	120
cacgaaacaa	ccccccaata	tggtataata	aatgcctatt	tctaagggtg	tataaggctt	180
ccaatgcaca	cccttcagggt	tcagacttag	acaagaccan	aatatacttt	agttctaate	240
accctcctaa	agacaccacg	gcagagtgc	ctcccaacct			280

<210> 21

<211> 317

<212> DNA

<213> Homo sapiens

<400> 21

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ctcaggcatc	agtgtatttc	aaagctcacc	atgtgattcc	aaggatgtg	catatttgag	180
agcctttgcc	ttaaaagaag	gagcaggtga	ctcactactag	caagatagt	aacagatcac	240
caggccagcc	ttgtgggtag	aaataatcgt	gacactctga	cactgttctc	tactaagtta	300
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<211> 231

<212> DNA

<213> Homo sapiens

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<222> (1)...(231)  
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 agggccctgg cctacaaaag gggtcagttg gtattagtca atttcaaagg cctacattnt 180  
 ccttgtctat aaaattaggg gctcagacag atgattttga ggtttctctt g 231

<210> 23  
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 <212> DNA  
 <213> Homo sapiens

<400> 23  
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 agccttagac agatctctgg actgtaatct gggaaaggct aaataagatc tccaatcgtg 300  
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 atcaacacca tgaaggaagt tggt 384

<210> 24  
 <211> 350  
 <212> DNA  
 <213> Homo sapiens

<400> 24  
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 tccgaaagtg ctgggattac aggcattgagc caccatgccc ggccgatgtc tgcattttca 180  
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 ctctgatggg tgacatctca ggcacttaga cacttgtaat ttattcatca aacatgcctg 300  
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 <212> DNA  
 <213> Homo sapiens

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 tattgtctct cccttgctact tattogctg 149

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 <213> Homo sapiens

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 gccgagcttg cagttagccg agattgcgcc actgcactcc agcctgggtg acagagcaag 180  
 agtccgtctc aaaacgaagc agcgcataaa agaaggacga aaccaccgcc aaccaaccaa 240  
 acaaaaccca aaaaacccaa agtaacggag gtggccgagg gagctgggga taggggagga 300

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gatacaggat gaatgatcg						379

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 <211> 388  
 <212> DNA  
 <213> Homo sapiens

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atgctgcaga	ccctaataag	attgggtaca	gatcggcatg	cgctgtagt	cccagctact	180
caggagaatt	gcttgaacct	aggaggtgga	ggttgcaagt	agccgagatc	gtgccactgc	240
actccagtct	gggcaacaga	gcgagactcc	atctcagaaa	aaaagaaaaa	aagactgggt	300
acagatgtga	tattggaaga	aaaagatcaa	gctgatgagg	ttaggatacc	caggcccttt	360
ggacttaag	atcactagt	tctaaatt				388

<210> 28  
 <211> 237  
 <212> DNA  
 <213> Homo sapiens

<400> 28						
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aaaaaaaaa	aatttgggg	gggtttttt	gggtattccc	aacgtggaaa	aaacctttg	120
gggggttggc	caacccccct	tttaatgggc	gggaaaaaaa	gggtttttt	ggaaaattg	180
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aaaaaaaaa	aaaaaaagg	gggccttttt	ttccgaaatc	ccacactgga	aaaaatcttt	120
ggggggtttg	gaccaccccc	cccttaaagg	gcggggaaaa	aagggttttt	ttgggaaaat	180
tggggagcct	tttgttttat	tgcacccctt	a			211

<210> 30  
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 <212> DNA  
 <213> Homo sapiens

<400> 30						
tagcaagaca	ctgtctctac	aggggaaaaa	aaaaaaaaa	acctggccct	taaggagata	60
aattatttta	gccggtaaac	ccgggaggca	aaacctccc	aattccgggg	catgggcttt	120
aatggaagg	ggccaaaaaa	acctgtttta	attcccaccc	tttgtttagg	gggccctttt	180
tttgtttttg	ccctgattaa	agtttaaccc	caacggccaa	atcctcttat	acctagacat	240
ttaatttcat	aaaggggggg	ggggggtagc	caaagggaaa	aa		282

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 cttggaatgc cgcagaaccg ggcttcatta gagcactggt gcatactctt aaaaattatc 180  
 tcggtaccgg ttctgtatttt atttagtgga tttaatcgtc tgggaaggag gttctagccg 240  
 cagccaatct tacagacgcg cagaatatta atctattttg tgccgactta aggcacgcat 300  
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 cag 363

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 cccagatggt gaagttgcag tgagccaaga tggtgccact gcactccagc ctggttgaca 180  
 gagtgagacc ctgtctcaaa aaaacaaacc aaaagaaaag agagagagag agagaagtta 240  
 agaacctgaa tattctaaga aagaggttct gagagtagaa attcagctga acccatatct 300  
 tcacaggaag tgagccaaga aggggaaaaa a 331

<210> 33  
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<400> 33  
 ggcacgaggg aaaacaggcc ctgggcccgc tgatgtgcat aattccacgt ttgcccccca 60  
 tgtaaccagg atggtaaatt acagggtgtca gataatcacg ctctggagt gctacttgag 120  
 gatgcatcg accaatttaa gctccgtctg acacatgac aatagcccgt gatgctgcat 180  
 ggaattgcag gcacagcgtc caaacctgca gagcagtggc tcccagctgt ggcaactttg 240  
 cccccagag gacattttggc aatgtctgga tatgtttgca attgtcacia ctaggagagg 300  
 gggatgctat tggcatcttg cgagtgaggc caaggatgct gctaaacctc ccatgatgca 360  
 caggagaagt cccacc 377

<210> 34  
 <211> 358  
 <212> DNA  
 <213> Homo sapiens

<400> 34  
 ggaaaataac tcggattgca ggaagaatcc aggtccctgt ggctacagga ctgaggccct 60  
 gtttccttcc tggcagggga ccaactcttag ccctagagt ccttgcatct aggggcccagc 120  
 aaatccttct cactcttggg acctctctaa catcctcctt caccacatag ctctcatttc 180  
 ttgccagaga atgctctctg cttttcagga ctacagataat ttagccttcc caggtaatcc 240  
 aggataatca atctactttg agatccatac cctttaatca catctgcaaa gacccttttg 300  
 ccatgtaaca tgacatgac acagggtgtta gggattagag tgtggctatc tggggaaa 358

<210> 35  
 <211> 275  
 <212> DNA  
 <213> Homo sapiens

<400> 35  
 gtccattctc ctcccttccc caataacaga accccagttt tgctgcagaa ggcaatgtgc 60  
 ccagctaaaag ggcaacatit ccagcctccc tggcatatat ggtatgactg tgtggctgaa 120  
 ttctaggata ttagatataa acagaagggtg ctggaaggta tctccaagaa tgccccttga 180  
 atagaagcag tattgatgaa ggccattttt gtcctctctg cttcagcctg cattcagcct 240  
 tggatgcata tgtgatagct ggaacgccag cagcc 275

<210> 36  
 <211> 362  
 <212> DNA  
 <213> Homo sapiens

<400> 36  
 atgccagtag tatTTTTgtt tttttcactg agtctattgt gtctagaaaa gtgcttatca 60  
 cattgtagat tctcaatgaa ctacttattg aatgaacagt cctatgaacc aggtatctcc 120  
 cttggccaga ttttacctaa tgaagattct gcagcagtga gaacttgcct agagtcacat 180  
 cgtcaaaggt ggagctagaa tctgtaagca acctggctct ctactcttta ccactgctgc 240  
 atggtactgc atggtgcttc tcatTTtatgt ggtgaaattt caaagtacta ttttttatgg 300  
 ttcccttact agacaggtcc ctgcgagcag gggatactaa ctttatctct ggtccctgac 360  
 tg 362

<210> 37  
 <211> 410  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(410)  
 <223> n = A,T,C or G

<400> 37  
 ggcacgagcc acacctggcc ttctccatgc tcggaataac ttctgcagc gaccaacagg 60  
 ctaaagaggg ggaaggtctg gaggttggaa agaggactgg aatctgattg gggttccaac 120  
 aaatctgtaa caccgctggg aacgactggg tcccctttag gtccttttag acagcgtttg 180  
 aaatcttget tccccctgca gggatccagc accggtcct cctccggcaa ccacggtggg 240  
 agcggcggag gaaatggaca taaaccggg tgtgaaaagc cagggaatga agcccgggg 300  
 agcgngaat ctgggattca gggcttcaga ggacagggag tttccagcaa catgagggaa 360  
 ataagcaaaag agggcaatcg ctccttggga ggctctggag acaattatcg 410

<210> 38  
 <211> 325  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(325)  
 <223> n = A,T,C or G

<400> 38



ggaatgtgga	cacacatatc	agaactttca	tgcttacttt	ctcaggatgc	ttgtgatctc	60
aaagttagga	caggagtga	tttcaaaggc	caaattggaaa	attagcaaca	atcccatctt	120
aagggcttat	aaagagtatc	agaatcattc	ttgggggttg	gccggncatg	atggctcatg	180
cctgtaatcc	tggcacttcg	gaaggccaag	gaggggtggg	cacctgatgg	caggagtttg	240
agaccagtct	gggcaacatg	gttataccct	gtgtctactt	gccaaacctt	aatttactta	300
gcgataaagg	gggggtccct	tttag				325

<210> 39  
 <211> 398  
 <212> DNA  
 <213> Homo sapiens

<400> 39						
cggttgcgtc	ggaaccaatg	gatgtcagta	ggagtttctg	ttaaatgtct	ccttgatggg	60
gactcagtac	tgtgtagaga	cgctgtgttt	ctcttctggg	ggtgtgcac	agaaccactg	120
gggcctttta	aaatctacag	atgccggccg	ggcgccgtgg	ctcacgcctg	gaatcccagc	180
acttgaggag	gctgaggcgg	gcggatcaca	agcgaggaa	attgagacca	tccttgccaa	240
tatgggtgaa	ccccatctct	acaaaaata	caaaaattac	cggggtgtgg	tggcgtgcac	300
acctcccagc	tacttgggag	gctgaggcag	gagaatcgct	tgaacccggg	aggcaaagat	360
tgcagtgagc	cgagatcacg	ccactgcact	ccagcctg			398

<210> 40  
 <211> 339  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(339)  
 <223> n = A,T,C or G

<400> 40						
agacagtgtt	ccaccatggt	ggccaggctg	gtctggaact	cctgacctca	agtgatctgc	60
ccacctcaac	ctcccaaagt	gctgggatta	caggcatgag	ctgtgacacc	catcgtgtct	120
aatttttgac	agataaaatg	atttcatgat	ccaacatttc	cttaccagtg	agggattcaa	180
taaaatacca	attctcagag	ggcctttaca	cttctttttt	ttttttttct	aaagaagatt	240
gtttattacc	cacgagataa	ttttgaaaag	ccatcatttt	ttttctgctt	gtgacccgaa	300
aaaacgtcca	gtgttctcgc	gatttctttc	atctctttt			339

<210> 41  
 <211> 350  
 <212> DNA  
 <213> Homo sapiens

<400> 41						
cgctaggaaa	tgctgccctc	acactcgagt	cagctcatct	gctccgggct	gtgtctgctc	60
ggcaaactag	acaagggcaa	gcgatccac	acctctcaca	cagaacttct	agaaaagatg	120
ggcctctcca	ggtgcgggtg	ctcacactgg	taatcccagc	atttcagggg	gccgaggcag	180
gtggatcatg	tgaggtcagg	acttcaagac	cagcctgacc	aacatggtga	aatcccatct	240
ctactaaaaa	tacaaaaata	aataaataaa	ataaaaaata	gccgggcgca	gtggctcacg	300
cctgtaatcc	cagcactttg	ggaggctgag	gcaggtggat	cacaagggtca		350

<210> 42  
 <211> 360  
 <212> DNA  
 <213> Homo sapiens

<400> 42  
 ttgggaggcc gaggcgggtg gattatttga ggtcagtcgt tcgagaccag cctggccaac 60  
 atggtgaaac cccgtctcta ctaaaaatac aaagattagc tgggtgtggt gacgtgcctg 120  
 taatcccagc tactcgggag gctgaggctg gagaatcgct tgaacccatg agctgagatc 180  
 acaccaactgc gcttcagcct gggccacaga gcgagactcc gtctcatcaa aaaaaattat 240  
 atgacccctg tctataaatg ataagagtga gagagaaagc acccaggggt tcaaatgcct 300  
 tatgcctgct gggactaact ttgccatac attgtgctaa atactttcca ttaagtctcc 360

<210> 43  
 <211> 353  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(353)  
 <223> n = A,T,C or G

<400> 43  
 gattacaggc gtgcaccacc atgcccagct agtttttcta tttttaatag agatgaggtt 60  
 tcaccttggt ggccaggctg gtctcgactc ctgacctcag gtgatccact caccttggcc 120  
 tcccaaagtg ctgggattac aggtgtgagc cactgcgccc ggctactac atacatttct 180  
 aannnnnnna nnnnnnnnnn nnnnaaaaag gggggccgtt ttttccttaa acccaaactt 240  
 gaaaaaaccc tttggggggg tggccccccc cccctttaa tggcggggaa aaaaggggtt 300  
 ttttgggaaa attggggcgg ctatgcgttt tttgggcccc cttagagccg gca 353

<210> 44  
 <211> 331  
 <212> DNA  
 <213> Homo sapiens

<400> 44  
 gagaatcgct tgaacccggg aggtggaggt tgcaatgagc caagatcgca ctactgcact 60  
 ccagcctcgg tgacacagct acactccgtc tcccctactc gccaaaaaca aaaacaaaaa 120  
 aaaagagtgc agagaactgg aggtggcggg aaaagcgctt ggattctcct ttgacatgct 180  
 cttccctggc aagatgggat cccttggaag attttaagt gaaaagtgc acgatttatg 240  
 gctgagtgc gcagctcacg cccgtaattc cagcactttg ggaagctgag gcaggcactt 300  
 tgggaggctt taggtcagga gttcaagacc a 331

<210> 45  
 <211> 348  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(348)  
 <223> n = A,T,C or G

<400> 45  
 attactgata tgggggggtat ggtctagtcg ctgtgctgag catttcatat aactgggctt 60  
 tttctatcct cacagcatag cctttgagat aggtatgtgg aactattccc attttacaga 120  
 taaggatcct gaggtctaga gagttcaagt gacctacca agggcacatc actgataaag 180  
 ggcagagggt ggattcaaac ccacatctgt caggtgcaag tgcaaggctc cttctcctca 240  
 tgctcactgc ctgctgggga ataggtgact ggggacatac cccagggagc ccttccccat 300  
 gttctgagtc ccagntcatc ccagtgctgt attttgctct ccaggag 348

<210> 46  
 <211> 357  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(357)  
 <223> n = A,T,C or G

<400> 46  
 gattacaggt gtgagccatc ggccttgcc cctgcaactt atctttctat atttctcatt 60  
 tttcacatga aaagggttgg ctattgtatc tgattttatg gaagctgtgc tctgtatttg 120  
 tgggttctga aattgtgctt atgatatgac tcattactga ttgtttcaca tcttagagat 180  
 gaggttagac tgaaatgtgg accggaagcc tattttttag tttcaattta aaaaataaag 240  
 ccaggcgcag tggctcacgc ctgtaatccc agcactttgg gaggccaagg caggcggatc 300  
 atgaggtcag gagattgaga ccatcctggc taacatggtg aaaccccggc tatactn 357

<210> 47  
 <211> 353  
 <212> DNA  
 <213> Homo sapiens

<400> 47  
 tcctgcctca gcctcctgag tagctgggac tgtaggcgcc caccacctcg ccccgctaatt 60  
 tttttgtatt tttagtagag acagggtttc accgtgttag ccaggatggg ctcgatctcc 120  
 tgacctcgtg atccgcccgc ctccacctcc caaagtgtg ggattacagg cgtgagctgc 180  
 cgcgcccagc cataaaactt ctacgaactt ctagcagaag taagggaata gtttctaatt 240  
 cctgagaaaag tattatgatg acagatccta tattctttat tcactagtat atacttagtg 300  
 tacacataat aagtaggtgt tcaagaattt ttttttttcc ttgagatgga gcg 353

<210> 48  
 <211> 356  
 <212> DNA  
 <213> Homo sapiens

<400> 48  
 gtagagatgg ggtctcgcta tgtcgcccag gctggtcttg agtccttggc ctcaagcgat 60  
 cctcctgcct tggcctccca aagtgtctggg attacaggca tgagccacaa gcgccggcct 120  
 ctctcttctt attgggatac cagtcctctg agactcgaaa ctgtgccccca ggcttggcc 180  
 atactgataa atatctagga cctacaggag ttctgtgtcca tgaaccagc acacgcaatt 240  
 cctcagcctt aaaatctagt cactgactca tttcaggccc cagcacagac gaaaacaagc 300  
 cattctgttt gccagatta cattgcgggt ctccaagaag tggaatgttc accaat 356

<210> 49  
 <211> 342  
 <212> DNA  
 <213> Homo sapiens

<400> 49  
 gaggggagct aaaagggaat ggaggggaga ccagcaggag ctctgtctgc ccgattctgg 60  
 tttgggctgt gagacagtca ttgcattttt ttgcacagtt ctggccacac agtattttaag 120  
 aggctttgcc tacagacctg agtgactgtg tgaatggtgg cactggtgca tacggggacg 180  
 cctgaggagg aacagatttg agactgtgcc acctaggact ccctgtggga ttgccagtat 240  
 caccctctt cgtcattaat tcccagcttg cctgggggag gccagggggt agcatggggg 300  
 tcgggttccc ctatggttca aacaccaacc catctgtctt gg 342

<210> 50  
 <211> 305  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(305)  
 <223> n = A,T,C or G

<400> 50  
 gcaattgggc atagaacctt ccaactgagc agcgaaggta tcaggatgca gtgtataatt 60  
 taagacatca aataaagctg acaagcaaag acaataatgg agacttgggg ttaaattagc 120  
 tgactggagt cagaaacact gggatctgca taaaaagtaa acattaaaca ttgggatgca 180  
 gtccaggcat ggtggctcga ccctgtaatc ccagcacttt ggaaggccga ggtgggtgga 240  
 tcatttgacg tcaggagtgc aagaccagcc tggccaacac ggtgaaaccc catctctact 300  
 aaaaan 305

<210> 51  
 <211> 124  
 <212> DNA  
 <213> Homo sapiens

<400> 51  
 gttataggcc ttttgctttt cttagcatat ggggggaggt ggaattacta tcgtagtcac 60  
 aaatgaccaa aacaggactt cccaatatct atttatttta gcccgggtgc cgcggtctct 120  
 gccg 124

<210> 52  
 <211> 218  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(218)  
 <223> n = A,T,C or G

<400> 52  
 gcaccaatgt gaagaaccac aaacattggg tctgggagaa ggcttctgag gtggcttcca 60  
 cagtccatgc aagggacaca gagaagaaca aggtccacag caagtaggat ggcatggtaa 120  
 aaaacaaaaa gaagaaaata aaaaangggg gccccgaaaa aaaaaaaaaa ggggtccggt 180  
 tggaaaaaaa aaacaaaggg gtccggttgc aaaaaaaa 218

<210> 53  
 <211> 373  
 <212> DNA  
 <213> Homo sapiens

<400> 53  
 agtgcagggg aatggaatgg aatggaatga aatggaatgg aatcttccgg aatggaatgg 60  
 aatggaatgg aatggaatgg aatggaatgg aatgcaatgg attcaactcg attgcaatgg 120  
 aatggaatag aatggaatgg aatggaatgg aatggaatta accagaatag aatggaatgt 180  
 aatggaatgg aacggaacgg aacggagcgg aacggaatgt aatggaatgg aatggaaagg 240  
 aatgcaatcc acgtctattg catttctttt gtatgggaat ggccactaac ccctgttcgg 300  
 aatggatatg gtaatggatt cggaaccgga gggggaacac ccaccccgta ttgattatat 360  
 gatagttaat ttg 373

<210> 54  
 <211> 395  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(395)  
 <223> n = A,T,C or G

<400> 54  
 cgttgctgtc ggggagattg agaccacggt gaaaccccggt ctctactaaa aatacaaaaa 60  
 attagccagg catggtggcg ggcgcctgta gtcccagcta ctcanagagg ctgaggcagg 120  
 agaatggcat gaacctggga ggtggagctt gcagtgagcc gagatcgcg cactgcattc 180  
 cagcctgggc gacagggaga ctctgtctca aaaaaaaaaa aaagggttaa ataaataaaa 240  
 cccggggggtt taaagggaac ctttaacctt tgggtttttc gggaaacca tcagggggag 300  
 ggggggttg ctttgtggga ggatgggccc caggtttcct aaaggcctgg aaataatttt 360  
 ttagggataa aggcttccat caagagactt ttggg 395

<210> 55  
 <211> 303  
 <212> DNA  
 <213> Homo sapiens

<400> 55  
 ccagggttca agtgattctc ctgcctcagc cttccaagta gctgggatta caggtgtgca 60  
 ccaccacgcc tggctaattc catgcctggc tctcttactg taaatgagaa taagaaagaa 120  
 tatactctgc tcaaagtctt agtataatag catgtctcaa aatagaaaat tgggcagagt 180  
 gttcataggg ttccagagac tcagctggat gttaaatca cccagggtct aggctgggtg 240  
 caatggctca tgctgtaat cccagcactt tgggaggccg aggcgggtgg atcacaaggg 300  
 cag 303

<210> 56  
 <211> 236  
 <212> DNA  
 <213> Homo sapiens

<400> 56  
 cgggatgcta gatgactcca tcagccaata tgtagcatt atctagaggc cttatgtgaa 60  
 gtcctagtgg tcctttccag ttctatgact ttaaaccatac aggtgaatca gagcttcagg 120  
 aaggcctaga ccaacagcta ttactgaagc tcccatttgt gcttaggact atgcatagag 180  
 aaactctcct ttgggacttg gttagggtcc aaagccctaa ggtcaaaaca ctaatt 236

<210> 57  
 <211> 317  
 <212> DNA  
 <213> Homo sapiens

<400> 57  
 gggatatgcat ccatttcccc tctccccaga ctggacgctc ttaaagggca acacttatac 60  
 ctcatattagc cttgtattcc ctgcacaggg taagcattag gtaactgctt gctgaattac 120  
 ttacttttga ttagagaaga gcgaagatat agcacataaa agttactgaa cagtacagtg 180  
 tcaaactcag atcttagata aaatggttgt gtaacactgc tgtgctaatt agtccattct 240  
 gacccaaagt caagaacagg agaatatgct tgtccatagg tatgctcagg aacttctcag 300  
 ggagtaaacc aatcagc 317

<210> 58  
 <211> 315  
 <212> DNA  
 <213> Homo sapiens

<400> 58  
 gattacaggc gtgcaccacc atgccagct agtttttgta tttttaatag agatgagggt 60  
 tcaccttggt ggccaggctg gtctcgactc ctgaccttag gtgatccact caccttggcc 120  
 tcccaaagtg ctgggattac aggggtgagc cactgcgccc ggccactac atacatttct 180  
 aatgaaaaga aaaaaaaaaat taattaagag ggggggcttt ttttctggag acccgcatgg 240  
 gaaaaaagct tttggggggg ttggcccacc cccatttaaa tgggggggaa aaaatggctt 300  
 ttttgggaaa tttgg 315

<210> 59  
 <211> 416  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(416)  
 <223> n = A,T,C or G

<400> 59  
 ggcacgaggg gagtcccaag accctttcag ggaggatctg tgaggtcaac tgttggcact 60  
 gtggcatgaa tcaaggtggt ggcagcaaac ttctagtagt tttgatatgt ccttgataga 120  
 acaaatagca atggttaact attaaatggt gacctagcca gcgcagtggc tcatgcctgt 180  
 aatcccagca ctttgggagg ctgaggcggg cggatcacct gaggtcggga gttcgaggcc 240  
 agcctgacca acatggagaa accccgtctc ttctaaaaat acaaaattag ctgggcatgg 300  
 tgggtgcatgc ctgtaattcc agctactcgg gaggtcgagg caagagaatc gcttgaatcc 360  
 ggtaggtgga gggtgcagtg agccgagatc ataccattgc actccagccc aggcac 416

<210> 60  
 <211> 264  
 <212> DNA  
 <213> Homo sapiens

<400> 60  
 atccaccgcg ctcagcctcc caaagtgctg ggattacagg cttgagccac tgcgcctggc 60  
 cgccacaggc ccactcttaa aaagataatg cataatataa gattttgctt ttcttttctt 120  
 ttgtttcttt ctgctctgac aggtaacttt gattgtcatt gacagtttta agaattcagt 180  
 accaaccact gaaagggtat gaatatcctt gcttaaagaa agttaaaaag accaggtgta 240  
 gtggctcacg cctgtaatct cagt 264

<210> 61  
 <211> 407  
 <212> DNA  
 <213> Homo sapiens

<400> 61  
 gttgctgtcg acatgatgta ataagaattc atttctgaca tattttacat ttctggcaat 60  
 ctcaactctt atttgggaata cttctgtgca tttgtctgtc caccgtaatt ttagaaaagc 120  
 atatccataa cgtttacagt tgtagtacag ttgtggtagt ttattttagt tgggattgaa 180  
 agtaattttt ttctttttat atttctatat ttagtgtgtt tttttgtgtt tgttgctttt 240  
 tgagatggag tctcgctttg ttgccagac tggaggcgag tggcgcgatc tgggctcact 300  
 gcaacctctg cctcccggtt tcaagcagtt ctgcctcagc ctcccaagta gctgtgacta 360  
 aaggtgcacg ccgccatgcc cagctaattt tttgtatttt agtagag 407

<210> 62  
 <211> 157  
 <212> DNA  
 <213> Homo sapiens

<400> 62  
 ggtgctgctg cagatcaggg atcgcgattg cgaatcctcc gctgaggtga tttggatata 60  
 cctagaacgt tgagggcacg agtcgggtcc tgagaccagg tcctcagcca gcagagccac 120  
 gttccttatg agcacogtgg gtttatttca ttttcct 157

<210> 63  
 <211> 409  
 <212> DNA  
 <213> Homo sapiens

<400> 63  
 cgttgctgtc ggcagtttgc agctgcggcg gggtcgggtc caccgcgggt ccccggaatg 60  
 ccggacggct gatcccggtt gctggtcact cgccgattcg gggctgggaa ggtttgccag 120  
 aagcgggaaa gatgggagat ctgagcgctc tcttggcatc gccacacca ggacttgctc 180  
 gtgccgcaat tccccacgga aacaaccgag ttgaaacgag aagcttgctc tctgggtgca 240  
 gtagctagaa ggcttcaggt aactccaaag ccaacactgg gtgaggcaac acacgccgcc 300  
 tcaggactca gcatttcttt caggctgcgt tttcgtggca gacctacca gattgatgga 360  
 gaaagtttgg ctggcggata agaagtaacg cggaagatgt attattgtg 409

<210> 64  
 <211> 320  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(320)  
 <223> n = A,T,C or G

<400> 64  
 cggctctttac cttgtttgcac aataacccat aaagtgggga agtgaggctt gtatcagtgt 60  
 gactacgtca ggcccaggta tcaggggggc caagtgggc tgctccccac agagggcata 120  
 tttctctaata tgcaaatagg tatgctacag gccagtagga aaccattcat ctctggtttc 180  
 ccagtctagc cctggcacgc tggtgacctt cagttaatga tacctcgtgt gtgtgtgtgt 240  
 gtgtgtgtgt gtgtgtgtgt gtgtgtgnnt atttattttt tttgggtttt tttgatttga 300  
 tgagggagtg ggttttggag 320

<210> 65  
 <211> 288  
 <212> DNA  
 <213> Homo sapiens

<400> 65  
 gacggggctt caccatgttg gtcagtctgg tctcgaactc ctgacctcgt gatccaccgc 60  
 cctcggccta agaaagtgtt gggattacag gcgtgagcca ccggccgctg atggatttct 120  
 ttctgagggg cagattttca cgccagaagc ccgcacaatt atacctgagc tggttccacc 180  
 taagctcaat cctccttccc tgccccaaag gggtgaaaaa atctgggccc aggaggtctt 240  
 ccttgtgtctc tggggggagg catttaaggg tccaaggaag acgtgacg 288

<210> 66  
 <211> 221

<212> DNA  
<213> Homo sapiens

<400> 66  
caatgtttcc catgaaggaa tcgaggtccc aagagtagtt caggtaagga attaataagc 60  
atcacaggag gcatgtccag gctggcttgt cccaggccc tctgccttca gccaccattc 120  
tcagaagatc caaaaatgcc aaggggaaag aagccggatg ctttttcacc ttaagtgaag 180  
agtcagaatt ggaattaccc tttctgaagg cctgctttgc a 221

<210> 67  
<211> 202  
<212> DNA  
<213> Homo sapiens

<400> 67  
ttggatcggg ctgcgataag acgacaggag gggattgtgg gtgagattct ctcccaggcc 60  
acaagacatt tcctgctcgg aaccttgttt actaatttcc actgctttta aggccctgca 120  
ctgaaaatgc aagctcaggc gccggtggc gttgtgaccc atcctggagt cggccccggg 180  
ccggccccc agaactccat ct 202

<210> 68  
<211> 324  
<212> DNA  
<213> Homo sapiens

<400> 68  
cggaggggtcg gtattgattg atatatggaa atgtaggcac aggtttccag gaaccacat 60  
ctttatatcc cctaagagca tgcgattcac aattcacaga tacagtgtt gaggcgagtt 120  
tatagaacat aactattgga tataccatga cctaaaggca ttcctttcta aatggaaatc 180  
gaaacacaga gcttgacaat ttaaggcaca ctaaattccc ctttcttgta ctttataagt 240  
aacgacggat gaggaatta tatacagtgt aaaacggggg ttggcattgg gctaccactg 300  
ctaattgggta catgacttgt gtgg 324

<210> 69  
<211> 270  
<212> DNA  
<213> Homo sapiens

<400> 69  
aattcaatct atctgcttga tttgggacat ccagtgtctt tgctctgcga cattggagct 60  
ccttgcttctt aagcctttaa actcaggcag ggattttcac tatcagatct cctacttcct 120  
gtttttggac cttggtactc agactggagc ttataccatt ggctttcttg cttccaggcc 180  
ttcaggcttg aactagaact atactgcttg cttccctggg cctccagttt gcagatggca 240  
atttatagaa cttctcagcc ttcataatca 270

<210> 70  
<211> 314  
<212> DNA  
<213> Homo sapiens

<400> 70  
gtcgtacggg ttataacttca ccggacgact cctctccccc actcctttgt gagtctggtc 60  
tcttgccagt ttcttaccct gagtggagct aagcagataa ctctgtggtta ttccaagata 120  
gcatctgagt ggagccactt caggactaga gggatgcgtc ctggatcttt ggtctgtctc 180  
atgccttgca ccaagcttga ggggtgacgta tcatgacctt gctggagtga ttgaacttga 240  
tctattgaga cgccattcag gatccctaga aacaagcacg gtagactgct actgtgaggc 300  
aggtgtttca acgt 314



<210> 71  
 <211> 291  
 <212> DNA  
 <213> Homo sapiens

<400> 71  
 cctgtaatct cagctacttg ggaggctgag gcaggagaat cgcttgaatc caggaggcag 60  
 aggttgacgt gagccatgat tgcgccactg cactccagcc tgggtgacag cgagactcta 120  
 tctcaaaaaa aaaacagatt tctctcctat gagagtttct ggtctttgat gctgcacttt 180  
 cctcttctga aacatcaagt gcttttaaaag agggatggtg ctgactgcct ggttctgagg 240  
 catgaacgac actggtagggt gagagcaaga tggtagagag gagttcaaat t 291

<210> 72  
 <211> 312  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(312)  
 <223> n = A,T,C or G

<400> 72  
 ggattacaag cgtgagccac catgcctggc caatttttgt attttttagta gagacgggggt 60  
 ttcattcatgt tggccaggat ggtctcaatc tcttgacctc gtgattcacc caccttggcc 120  
 tcccaaagtg ctggaattac aggtgtgagc cactgcaccc ggcctttntt tttttttttt 180  
 ttttttttgg gaaaaggggg gcctcattgg ggtccccacg atatcccaaa acccgggggg 240  
 aaaagaacac cctttatttg ggcccccagg ggggggaaat tgtggagggg ggccccacgc 300  
 ccttctcggg ag 312

<210> 73  
 <211> 391  
 <212> DNA  
 <213> Homo sapiens

<400> 73  
 ggcaccagca aagaggaaaac agacagtttg attgcatgtc ctgagtgcaa tgctgaatac 60  
 ctaatagttt ttccaaaatt ggggtccagtg gtttacgtct tggatcttgc agatagactg 120  
 atctcaaaag cctgtccatt tgctgcagca ggaataatga tcgggtctat ctattggaca 180  
 gctgtgactt atggagcagc gacagtgatg caagctgtac gtcataaaga acgactggat 240  
 gttatggaca gagctgatcc tttattcctt ttaattggac ttctactat tctgtcatg 300  
 ctgatattag gcaagatgat tcgctgggag gactatgtgc ttatactgtg gcgcaaatac 360  
 tcgaataaac taccaatttt aaatagtata t 391

<210> 74  
 <211> 275  
 <212> DNA  
 <213> Homo sapiens

<400> 74  
 ggccgcctc catggcgcag gtttacctat gtgactaacc tgtgcgttct gctcatgccc 60  
 gccatctttt tgaaagaaaa aaacataagg gaggtggggg ggcctttttt ctggaattgt 120  
 cccagcgaac atacctctgg ggggggttttgc tccaccccc cttttttttt ttttttccac 180  
 cgtttttttt ttgaaaatag ggggaacaagt tttggggggg ggctcccttt tgggcccgcg 240  
 ttgcgggggt cccttttctc ctgggtgtcc gctcg 275

<210> 75  
 <211> 322  
 <212> DNA  
 <213> Homo sapiens

<400> 75  
 atgttggtcca ggctgacctc gtgatccacc cacctcgccc tcccgaattg ctgggattac 60  
 aggtgtgagc caccgcgccc agactaagtc ccatctttat gtccgcttgg ctgttccacg 120  
 gccacctgga ggggaggtag gtccagcgat gtgggaccct aggatttcag ggtagaaaat 180  
 ttgccgcact acagttacaa aattattcca aggtttatgt tcctcggggg attgctatac 240  
 tcacctgtta tgcactggtg gcaagttttg tttttttcta ataattaagg ggtgataatt 300  
 tttttcttaa gcataggggg cg 322

<210> 76  
 <211> 319  
 <212> DNA  
 <213> Homo sapiens

<400> 76  
 gagagagagg agaatgagga aggacaggcc agaaggtgct catggatccc acagtgtagg 60  
 gcctggaggc ctctgtaaag ccatgaaggg tgggtgacca caacagtgca tgctctcaaa 120  
 agaccactct gctggttaga tggtagtcaa gagacaggtc accatgaccg tgagagaatg 180  
 gagaagtcca gatgtatttg aagaaaagctc agatctgcaa atgaaccgag gccgtgcacg 240  
 gaggctcacg cctataatct taacactttg ggaggccgaa gcaggaggat cacttgaggt 300  
 cacgaatttg agaccagcc 319

<210> 77  
 <211> 376  
 <212> DNA  
 <213> Homo sapiens

<400> 77  
 caatggcatg atgtcggctc accacaacct ctacctcccg gggttcaagtg attctcttgc 60  
 ctacagctcc cgaacaactg ggattacagg catgcgtcac cacaccggc taattttgta 120  
 tttttagtag aaatggagtt tctccatgtt ggtcaggctg gtctcaaact cccgaactca 180  
 ggtgatcccc ctgcctcaac ctcccaaagt gctgggatta cagggtgtgag ccatggcgcc 240  
 cagccccttc ggattctttc tataagcaaa ttgtgcottg gacatatgct ttgaatgctt 300  
 tgagagaacc tctcttcata agtggaata aaatcatgat ttaattgtat cacacgcatt 360  
 atggataatc tatggg 376

<210> 78  
 <211> 376  
 <212> DNA  
 <213> Homo sapiens

<400> 78  
 tacggctgcc agaagacaac agaaggggta tcttcatcat aggcacaagc ccacagatgt 60  
 ggaacagtaa agttcacatt ctctttatat agtacaaata ctcttcatta atatagcagg 120  
 cccataaaga tagtggcaat tgggcaatat atgctttact tgtaggccat tgatagatct 180  
 ctttaaataa atagtatttt ctaccaaaca ccaaagacag aaacaaaact cgtcaggctg 240  
 agttgagctc ataccttgaa ttgctcctct gtgttcttcc ttatcaatgg agatcctcgt 300  
 aagttgagag attctgtcag gaggtatttc atgtgggaat cccctgggct actgggtcac 360  
 agcagtaact cagcga 376

<210> 79  
 <211> 339  
 <212> DNA

<213> Homo sapiens

<400> 79

cccagctact	caggaggctg	aggcaggaga	gtggcgtgaa	cgcgaggagc	agagcttgca	60
gtgagccaag	attgcgccac	tgcactccag	cctgggcgac	agagcaagac	tccatctcaa	120
aaaaaaaaaa	aaaaaaaaac	cccttttaaa	aatttcaaaa	acccatggga	ggcttttata	180
agggcgggcc	cctgaaaaaa	aaaaatttgg	ggcgctgaag	gtggggcttt	tgaaacaccc	240
caagccaaaa	aaatttttaa	aaggggtttt	tttaaaaaag	aaaaaggccc	ggccccgggg	300
tttttggtt	gtatccccc	ctttggaggg	gccgggggg			339

<210> 80

<211> 366

<212> DNA

<213> Homo sapiens

<400> 80

gaaatctcgc	agagcctgat	ggtatttggg	tagcatatac	ccaccagagg	aacaggcttt	60
tatctagcat	accacaggtc	tcccccttag	cacatctgtg	ctcattttga	aactgtatag	120
ggaaggacat	tagatggctg	ggagaactct	gaaggacaga	cctggatctc	ctgccatctt	180
ccaaaggtga	aacaacaaaa	atccgccagg	ctttcagtc	gaagcccggg	agggccactc	240
ccaaggaaca	gaggcaagag	cagaagtaga	tggagtctta	ctgaaactga	aaccagctc	300
aattccta	aggggtgaaga	tatgagtacc	tcaatgcagt	ctgcttatca	gaaaggcata	360
tcatat						366

<210> 81

<211> 347

<212> DNA

<213> Homo sapiens

<400> 81

aatgattagc	acagagaata	cgttttgtct	caaataattcc	caccaaata	tacctccatg	60
gcaatcgggg	aaaggagag	ggtggtaaat	gtcaacccat	gagaaaggaa	gggtctggag	120
gcacaaatca	aaggggacct	aagtaggcag	gaagtatcac	tgaaaacctt	caaaatcttg	180
cattatacga	cagcattaat	ttggccattt	aaaatgtaaa	aatgggccag	gcgcagtgac	240
tcacgcctgt	aatcccagca	ctttgggagg	gtgaggtggg	cagatcactt	gaggtcagga	300
gttcgagacc	agcctggccg	acatggtgaa	actccatctc	tactaat		347

<210> 82

<211> 167

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(167)

<223> n = A,T,C or G

<400> 82

ggagaattat	ttnaaaataa	aaaaaaaaata	ggggggggcg	gttttttcgg	aaaccccaac	60
ctggaaaaaa	cccttggggg	ggtggggcca	ccccccctt	gaagggcggg	gaaaaaaggg	120
cttttttttg	aaaattgggg	ggcttttggt	tttttttgaa	cccttag		167

<210> 83

<211> 303

<212> DNA

<213> Homo sapiens

```

<400> 83
cctgtaatct cagctacttg ggaggctgag gcaggagaat cgcttgaatc caggaggcag      60
aggttgtagt gagccatgat tgcgccactg cactccagcc tgggtgacag cgagactcta      120
tctcaaaaaa aaaacagatt tctctcctat gagagtttct ggactttgat gctgcacttt      180
cctcttctga aacatcaagg gcttttaaag agggatgggt ctgactgcct ggttctgagg      240
catgaacgac actggtaggt gagagcaaga tggtagacag gaggttcaat ttgggtccac      300
cat                                                                303

```

```

<210> 84
<211> 178
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(178)
<223> n = A,T,C or G

```

```

<400> 84
tgatatcanc ctgcgactgc aagattctta ctgcagtaca gaactctttt tctcccttgc      60
actttttttt gacctggcat ctttttatag ggaaaaacgg cctttgtcgg cagtggcaaa      120
cttgcaagga aagctgccga ctctttggca ggctgatata gacctgcac tctggcan       178

```

```

<210> 85
<211> 381
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(381)
<223> n = A,T,C or G

```

```

<400> 85
actgcgogcg gcctagctgg aaactttcct gccagctata tcagtcatat ttctcagcct      60
cactagcagc aggatgtggc catgtttctg gctaattgga tgtaaacgga tatgttcagt      120
gggacttctt agaagcttcc ttaaaggga gacagacagg cagaggaggt gcctcatgac      180
tagaatccca gcactttggg aggtctgagct gggaggatca cttgaggcca ggagtttgag      240
accagcctgg gcaacatagt aagacaccat ctttataaaa tataaatttt ttcttttttt      300
ttttttgaaa aaaagnttgg ttttgcccc cagcttgaaa ggcagggggc caatttaacc      360
taattgggag ccccccttcc g                                                                381

```

```

<210> 86
<211> 390
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(390)
<223> n = A,T,C or G

```

```

<400> 86
cgttgctgtc ggaagaattc ggcgccgagg aaacnacctt tttttttttt tcttttttgt      60
tttttttttt tttttttttt tttttttttt tttttttttt cttccccccc ccggggggtt      120
ctctcttttg gaaaaaaaca acgggagggg ggggggggaaa aacccccccc ccggggctat      180
caaaaagggt gaacctttct ccggccgccg gggggggggaa aaaaccccc ccggggcccca      240

```

agaaaccccc	ccccacctt	ttttgcgccg	gggttttcaa	aaaaaaaaa	aaaaaacgg	300
gggccgcccc	cccccttaca	taaaaacggg	gggggggtgct	cttcacaaca	ggccccccac	360
gcgcgaggt	gcccaaaaa	actccccccc				390

<210> 87  
 <211> 361  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(361)  
 <223> n = A,T,C or G

<400> 87						
ccttcacccg	aggaatgtcc	ccaaggcagg	aggggagaca	tgcctgccat	caatggcatt	60
ctctgcgggg	catggactct	gggggctcta	aggggcttct	gtaggggggg	catgcccctg	120
gagaagttag	ggcagcttat	ggaagccccg	gagctccagc	ctcacctggc	caaggggacc	180
ccacctctta	cagagcangg	cccagnctcc	ctcattctcc	aaactacaga	gggggaggag	240
caggggaatga	gagcactgaa	ccaatgagga	cagggctggg	gggctggggg	aacctgcctt	300
ccaactgggg	gacataaggc	aagcttcgca	ccatcttctg	agtcaatcct	gaatggaacc	360
C						361

<210> 88  
 <211> 303  
 <212> DNA  
 <213> Homo sapiens

<400> 88						
gggctcagaa	tggcatgaac	ctgggaggca	gagcttccag	tgatctgaga	tcgtgccact	60
gcactccatc	ctgggtgaca	gagcgagact	ccccatatta	aaagggtggg	aaaaaaaggc	120
gggtgttgtt	gaacccgggg	gccccacttt	ttttaacccc	ccggatgagg	ggggcaatac	180
ccttttttaa	cccgccagga	actttttttt	tttgtccaat	cttggggggg	ttgttgtttt	240
ttttaccgca	atcaagctcg	gaaccagggg	cttcacacc	ctggtgccct	ttttatgagg	300
gcg						303

<210> 89  
 <211> 356  
 <212> DNA  
 <213> Homo sapiens

<400> 89						
gtagatggga	gtacaggcac	acaccaccac	gcctgactaa	tttttgtaga	gacagggttt	60
tgccatgttg	tccaggctga	tcttgaactc	ctgatctcag	gtgatctgcc	cgctcggct	120
tccgaaagtg	ctgggattac	aggcatgagc	caccatgcc	ggccgatgtc	tgcattttca	180
taggtgacca	ctgaggctaa	aaagcatcac	tattccaaat	cactattcca	aaggcattaa	240
ctcctgatgg	tgacatctca	ggcacttaga	cacttgtaat	ttattcatca	aacatgcctg	300
agacagataa	cattttgcta	ggtgctcagt	ctgcaacgat	gtattgaact	tagtcc	356

<210> 90  
 <211> 335  
 <212> DNA  
 <213> Homo sapiens

<400> 90						
gtgcaaagg	ggagagactg	gattttgacg	acagtaggag	caccttatgt	agtacagaga	60
agaaggcaga	gtatgtggat	acagatgctg	tgtgggtggt	ggatgtggtg	gcggcaattt	120

gcccatgttt	tattatcagg	gtttacattt	tttcaactccc	gcatgaagct	tgagtggtag	180
gacaggggag	gaaatgttga	ggatttgtgg	ggagattttt	gaaacaacca	tcatatatga	240
tggtatgaaa	gagattgcc	cggacctagt	tgagagggtg	gataaaagcg	cttttgttgg	300
ggacccgcag	gggggggtga	tattatggtg	gaagg			335

<210> 91  
 <211> 388  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(388)  
 <223> n = A,T,C or G

<400> 91						
attcatggtt	ctccatggca	tctctggtct	tcaacattat	tttgcatagg	gtctcagaag	60
cttagtgtga	gcggatgata	tgggcacgaa	gcaaggcacc	cagaagtggg	ggcaactact	120
ctgctttcta	aaatgcaagg	gaaccggaaa	atccaggagc	cgtgccaaag	tgagtgagta	180
ttttcttggg	ccaccaaaagg	ggtctgaact	ggtgtggctt	gagctcagtt	tttgtggttc	240
agatagattt	gaaaactcac	ttctcccat	taagcactgg	aaggaattag	tcacccttct	300
ttgtggaagt	ggagagattc	tccgagagct	actcaacagg	ctcctttgaa	aggttctcag	360
gaccagcact	gtgctgagtg	tgtgtggn				388

<210> 92  
 <211> 348  
 <212> DNA  
 <213> Homo sapiens

<400> 92						
aggttttagcc	ccaccaggca	tctggttggg	gggcccaggt	gaggactatt	gcatgcttct	60
gtggtctgag	ttccctcaga	gtactaaaat	ggatttgtgt	gtatgcaagg	ggaagagagt	120
taggtgggtg	cggacagaag	cagtcttaac	tagaaataca	cttactaggg	ttttcctctt	180
ttttttttta	aaactgtcat	gccgggcacg	ggggctcgtg	cctgtaatcc	cagcactttg	240
ggaggccgag	ggggggggat	cacttgaagg	ttagaagttc	aaaaccagcc	tggcctcctt	300
gataaaacac	cattttttct	aaaaaaaccg	aaaattatgt	gggcgcct		348

<210> 93  
 <211> 343  
 <212> DNA  
 <213> Homo sapiens

<400> 93						
agcctggcca	acgtagtga	accccatctc	tactaaaaac	acagaattag	ccaggcttgg	60
tggtggcac	ctgtaatccc	agctactggg	gaggctgagg	caagagaatc	acttgaacct	120
aggaggcaga	ggttgccagt	agcctagatc	gtgccactgc	actccagcct	gggctggaca	180
gagcaagact	ccatctctga	aaaataaaat	aaaataaaat	aaaacagaaa	aacagaatag	240
aagaagatag	ctaagaacca	cagtgggtcaa	gccagcctgg	cttcaacaga	gatgaatgga	300
gagaccacgg	tcagcccat	taacagaaga	actggggcca	gga		343

<210> 94  
 <211> 355  
 <212> DNA  
 <213> Homo sapiens

<400> 94						
gcgacacct	gatagccagg	caggcaacgc	ctgctagagt	ttctggacca	gtggtccac	60

ttctgtgtga	actcagctgg	tgggttcagc	cacctgttgt	cctgggaagc	acctggacag	120
tagggcatgc	atctctaccc	aaacctgcca	ctggtagcca	tgaaagccat	gcctgcttag	180
agctgcaagc	ccagcagtc	tgcttctgcc	tgaaactctga	aggcaggcac	aaccccatgt	240
ttccctggga	agtacatgga	cagcagatta	cggccaaccc	agcaaggata	aggcttgtct	300
gacaactgca	acccccgccc	aacttcatga	gagaggtcaa	catttaaatt	cagaa	355

<210> 95  
 <211> 402  
 <212> DNA  
 <213> Homo sapiens

<400> 95						
ggcacgagcc	gacacccgga	agcctagttg	cctggaggtt	ctgagcggtc	tggtcggacc	60
tcctaccgtt	actctttcat	tcactcaaga	aatgatttct	tgagttcccg	gcctttgtca	120
gagagatgaa	cgaggcacgg	tccgtgtcca	gctaaaggac	agtatgactg	gaagagcggt	180
gttttccaag	gtacaggatg	cgcgcctcc	tatgagccga	agggacggga	ggccgcgtat	240
aggaggggac	cgtccccgag	cctcgccgag	cctgcggtgt	agacacctct	ggtggttagc	300
gcgtgacgat	ctggtgaccg	cgcgtgtcgc	gttccaagga	ccgttcttac	cagaaaatat	360
ctggctgtcg	cgaatacatc	ttgctgggcc	cgccccgtac	cg		402

<210> 96  
 <211> 392  
 <212> DNA  
 <213> Homo sapiens

<400> 96						
cggtgctgtc	gcaaagcatg	gttgctgagt	acccagagtt	gcgaggagtt	ttttaactga	60
tttagccagg	tggcaatcat	gagtgaatgg	atgaagaaag	gccccttaga	atggcaagat	120
tacatttaca	aagaggtcgg	agtgcagacc	agtgagaaga	atgagtataa	aggatgggtt	180
ttaaactacag	acccagtcctc	tgccaatatt	gtccttgtga	acttccttga	agatggcagc	240
atgtctgtga	ccggaattat	gggacatget	gtgcagactg	ttgaaactat	gaatgaaggg	300
gaccatagag	tgaggggagaa	gctgatgcac	ttgttcacgt	ctggagactg	caaagcatac	360
agcccagagg	agtctgaaga	gagaaagaac	ag			392

<210> 97  
 <211> 378  
 <212> DNA  
 <213> Homo sapiens

<400> 97						
cggtgctgtc	gctggtctca	ggcgggtctcc	gctcaacgat	ccttcctcaa	agcatgggtt	60
ctgagtaccc	agagttgcga	ggagtttttt	aactgattta	gccagggtggc	aatcatgagt	120
gaatggatga	agaaaggccc	cttagaatgg	caagattaca	tttaciaaaga	ggtccgagt	180
acagccagtg	agaagaatga	gtataaagga	tgggttttaa	ctacagaccc	agtctctgcc	240
aatattgtcc	ttgtgaactt	cottgaagat	ggcagcatgt	ctgtgaccgg	aattatggga	300
catgctgtgc	agactgttga	aactatgaat	gaaggggacc	atagagttag	ggagaagctg	360
atgcatttgt	tcacgtct					378

<210> 98  
 <211> 400  
 <212> DNA  
 <213> Homo sapiens

<400> 98						
ggcacgaggg	agacagatgg	ttttgaactt	cagaaaacca	ctcattgttg	cttcccctaa	60
gatgttactc	aggctccccg	cagccgtgtc	aactcttcaa	gaaatggcac	caggaacaac	120
atttaaccgg	gtcattgggtg	attcatctgt	ggatccaaaa	aaggttaaga	ccctcgtgtt	180

ctgctccggc	aaacattttct	actccctggg	gaaacaaaga	gaatctctgg	gggccaagaa	240
gcatgacttt	gccatcatcc	gagtagagga	actctgcccc	ttcccgttgg	attctttaca	300
gcaagagatg	agcaaataca	aacattgtta	aagatcatat	ttggagtcag	gaggaacctc	360
agaacatggg	gtccgtgggc	gtttgtttct	ccaaggattg			400

<210> 99  
 <211> 403  
 <212> DNA  
 <213> Homo sapiens

<400> 99						
cgttgctgtc	ggataaatcc	gcggtgctaag	gaggtgacac	tgttattgtt	tgtcctggcc	60
attatgtggg	acatggcact	ttatccattg	ctgactccat	tgagttggaa	ggatatggcc	120
taccagatga	cattgtgata	gaaaagaggg	gcaaaggcga	cacttttgtg	gactgcaactg	180
gtgctgatat	taaaatctca	ggcataaaa	ttgatcagca	tgatgctgta	gagggaaatct	240
taattgatca	ccgtggtaag	actacgctgg	aaaactgtgt	gctgcagcgt	gagacgaccg	300
gagacacagc	gcggacatca	gcagagtttc	taatgaagaa	ctcggattta	tatggagcgc	360
aggggtgctgg	tatttaaaaa	taacttggga	gtcaatgcgc	gcg		403

<210> 100  
 <211> 390  
 <212> DNA  
 <213> Homo sapiens

<400> 100						
tcaattccgc	tgctgtcgcc	actggccttt	ttttctgagc	aacaaaggag	tgcttcatct	60
ggggagtggg	aacctgagcc	gcggctctat	cgttcaaaga	gtttaaaaag	cattaatggt	120
catggcgatc	tactacgaaa	aagccatcct	ccaaaagtca	gggagcgcca	tttttctgaa	180
agcacttcta	ttgacaatgc	cctgaggcga	ctgacccttg	ggaatgaatt	ctctgtcaac	240
aatgggtaca	tcggaagatt	caaatctttt	tctgaactcc	cctcctgcga	tggaaatgaa	300
agttgggctt	atcgcaacgg	gaacaaaaca	ggacccaggt	ccgcgataac	tatattcaga	360
cctaacgact	attgggaatc	ttggaaaaac				390

<210> 101  
 <211> 260  
 <212> DNA  
 <213> Homo sapiens

<400> 101						
agtgggattt	gatggaaatg	tgaaccattt	ttcctctttt	ctggctccag	gttctacctc	60
ttcctgcagg	aagtccacac	aagctgggat	gagggggagg	caagacaaaa	gggcagggca	120
agtttgacac	aattaacacc	tcgatcatgc	ctccaaatgc	agagggctct	tcaggggaagg	180
agaatcaaaa	tgtacgggag	aaaaatgaca	ggagacgaca	ggcacgggtg	ctcacgcctg	240
taatcccagc	actttgggag					260

<210> 102  
 <211> 333  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(333)  
 <223> n = A,T,C or G

<400> 102						
ttttacgaat	ttcatctaaa	gtgtgtctgg	tatatctatg	catatgattc	atthttccatg	60



ttaccatgca	cgctgactct	tattgaaata	gaccgctggg	aggcagcatg	atggagtgaa	120
aatagcatgc	acgttcaaat	ctgaaagata	tgggtgcaga	cacctactat	tctgtgccat	180
ttggagaaag	tcatccacct	cctgtatagg	acttttcttg	gctttaaaat	gaatagatgt	240
cttgaggata	ttactggtct	caattaaatc	aaaatttttg	caaaaaggtc	tgacactggc	300
cgggcgcgga	ggctcacgcc	tgtaatccca	gcn			333

<210> 103  
 <211> 459  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(459)  
 <223> n = A,T,C or G

<400> 103	
tgacggcctt	ntgcagatcc
aactgcttgg	tgaggctcga
tcaggactgt	ccactccgta
attgagagag	aaatacaggc
ccagctgtgc	cctgggtgcag
ccgagtagag	tgcaatcggg
cgcacccaca	gactgtgcca
aacagccaac	tacattagt
	ctcacactan
	agactgtcc
	60
	120
	180
	240
	300
	360
	420
	459

<210> 104  
 <211> 435  
 <212> DNA  
 <213> Homo sapiens

<400> 104	
tctcaataga	cacttttata
agcgggtctac	gcttgcgaga
ctcagtaact	aaattttgct
tttgctttga	ctgaatccca
aagggggcat	aactgaatca
cttccggtac	tactaactca
tagcacaact	gctcaggtac
tttgaagaga	aaacg
	60
	120
	180
	240
	300
	360
	420
	435

<210> 105  
 <211> 434  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(434)  
 <223> n = A,T,C or G

<400> 105	
ttttgcagga	tcccactoga
acgaggagtc	taaggacaca
aagaggacct	tanccttcat
tggcaaat	catcaggtaa
aaaaaccgaa	gtttaagaaa
	60
	120
	180
	240
	300

aatctgggaa aggtcaaata agatctccaa tctgtacaa ttccaaatac atttgagagc	360
agtgggtctg aaaatgtggg tcccagacca gcagcatcaa caccatgaag gaagttgtta	420
aaaatgcaaa ttct	434

<210> 106  
 <211> 214  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(214)  
 <223> n = A,T,C or G

<400> 106	
aaactctgtt ttaggataag tcactaatat agagatagct agttcaattg tgtctggctt	60
cctatcacat cactagcact tagtacagaa ttgggggtcct aanaatatatt ggcaatgatg	120
acctgtgttg ctttcaagaa agtattccaa gtgatagggt ccaccataat ccatattgct	180
ttactcttg tacaagtga caaatttttc tatt	214

<210> 107  
 <211> 243  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(243)  
 <223> n = A,T,C or G

<400> 107	
gctttcccgg gcgctgattc ctgagtgtctg agcgcggaacc cgaggagatg aaccctttaa	60
ctaagggtgaa gctgatcaac gagctgaatg aacgagaggt ccagcttggn gtagcgcgat	120
aaagggtgtct ggcactccga gtacaaagac agcgccctgga tctttctggg agggcttgct	180
tatgaactga ctgaagggga catcatctgt gtgtttctcac aatatgggga gattggtaac	240
att	243

<210> 108  
 <211> 426  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(426)  
 <223> n = A,T,C or G

<400> 108	
atattctaatt tccgaagctg gnggggggggc aaaacaggtc attccatgtt tgaaaggaag	60
ttgatgaagg agcctgggaa agcgggggaat tattcacaga gagaaacgac agcagcgtaa	120
acgtgataag gtgctgactg attctggttc attggattca actatccctg ggatagaaaa	180
taccatcaca gttaccaccg agcaacttac aaccgcatca tttcctgttg gttccaagaa	240
aaatagaggt gattctcatc taaatgttca agtttagcaac tttaaatctg gaaaaggaga	300
ttctacactt caggtttctt caggattgaa tgaaaacctc actgtcaatg gaggaggctg	360
gaatgaaaag tctgtaaaac tctcctcaca gatcagtgc ggtgaggaga agaggactcc	420
gttcac	426

<210> 109  
 <211> 124  
 <212> DNA  
 <213> Homo sapiens

<400> 109  
 atctgcctcc cctgtctgta aggagcagcg ggaacggagc ttcggagcct cctcattgaa 60  
 ggtgggtggg ctgccggatc tgggctgtgg ggccttctgt ccacgctctt gaggaagccc 120  
 atgc 124

<210> 110  
 <211> 364  
 <212> DNA  
 <213> Homo sapiens

<400> 110  
 gagcagactg aacaaatgat gtgagaatct cttcagttcc aaccaagtgg cgggaaccag 60  
 ctaagagttg ggtactgctg aggaaaattg atgggcagtt ggtaaaatag gtgtgaatga 120  
 gagaaagctt tgttggggaa ccattggtggg tatgtgggca cgttctacat tactacaagt 180  
 attgggaatt tcccagggga acagcaaaat cttgtcttat ttatgtttaa ttttaaaaaa 240  
 ttccactgg gtgcagaggc tcacgcctgt aatcccatca ctttgggagg ctgatgcagg 300  
 cagatcacga ggtcaggaga tcgagaccat cctggctaac acggtgaaac cccgtctgta 360  
 ctaa 364

<210> 111  
 <211> 421  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(421)  
 <223> n = A,T,C or G

<400> 111  
 cgttgctgtc ggcctgataa actgccacgg ccacgaggag tctaaggaca catccaattt 60  
 ccatgcgcat ccaaaatgga atccgagaca gaaagaggac cttagccttc atatctgttt 120  
 ttttcttatg aagcttcttc tgggtggaaa cttgtcaaat ttcacaggt aagaagtgtc 180  
 aaagtgaacc tgtaaaacttt gtttcaaaaa acaaaaaccg aagttaaga aatctaaaga 240  
 tgggtgtcagc cttagacaga tctctggact gtaatctggg aaaggtcaa taagatctcc 300  
 aatcgtgtac aattccaaat acatttgaga gcagtgggtc tgaaaatgtg gttcccagac 360  
 cagcagcatc aacaccatga aggaagttgt taaaaatgca aattctcagg ctctccccctg 420  
 n 421

<210> 112  
 <211> 424  
 <212> DNA  
 <213> Homo sapiens

<400> 112  
 tttttgcgta tccactcga ttcaattccg ttggggctcg tgggtgcaaa agccaaggtc 60  
 atttgcacat attccatcaa cctgtcaaga atggggcctg agtttataac ccaaggcatg 120  
 gaagtgcatt cattctctta gctgggcaaa caattatact gtagttgtga tacaacacat 180  
 gtggctttta tttgtactgc acatatccac tgtacagcca cttgggagta tctgtggttag 240  
 cttgcagcaa ctgctgtctg catttatact gtttattgca tattcttttc cctggaagtg 300  
 aaagagaaat gtttttcttg ttgcattgat tacattttat aaatttgctt agctggaaag 360  
 tttgggaaaa gaggcctggt tgtcaattgt acaaccgatt gtgaagctct agtgtgaata 420

tttt

424

<210> 113

<211> 414

<212> DNA

<213> Homo sapiens

<400> 113

cgttgctgtc	gaaaaataca	aaaattagct	gggcgtggtg	gcacatgcct	gtaattccag	60
ctacttggga	ggcgaagcag	aagaattggt	cgagcccagg	aggtggagg	tgcaatgagc	120
caagatcgtg	ctactgcact	ccagcctggg	tgacagagcc	agactgtttc	aaaaaaaaaa	180
aaaaaaggta	aaaaaccttt	tttttttatt	tttttaaggg	gaaaagaaac	ctttttttta	240
ccttttcattt	tcctttcgga	aaaattcatt	taacaaaaag	ggggcccaaa	atggccccaa	300
ccttttaaac	cctttcaatt	tgggcaaggt	ttttaaaaac	caaaaaaaaa	gggaattggc	360
cctccaaaaa	aaaaataaaa	taccccaaaa	aggggggcat	ggtttaaaat	attc	414

<210> 114

<211> 415

<212> DNA

<213> Homo sapiens

<400> 114

cgttgctgtc	ggaagaattc	gcgccgcgcg	gacagcaacg	gtttcaagat	tcacctcctc	60
tcaccaaata	tttaactacc	tgctgaatac	gcctctgtac	taggcacata	atggaactaa	120
aaaatgctca	tgtccagttt	ttgtgttgag	tgaacaatgc	tgacagacct	aataagattg	180
ggtacagatc	ggcatgcgcc	tgtagtccca	gctactcagg	agaattgctt	gaacctagga	240
ggtggagggt	gcagtgcgcc	gagatcgtgc	cactgcactc	cagtctgggc	aacagagcga	300
gactccatct	cagaaaaaaa	gaaaaaaaga	ctgggtacag	atgtgatatt	ggaagaaaaa	360
gatcaagctg	atgagggttag	gataccagg	ccctttggac	ttaaagatca	ctagt	415

<210> 115

<211> 361

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(361)

<223> n = A,T,C or G

<400> 115

gagcagactg	aacaaatgat	gtgagaatct	cttcagttcc	aaccaagtgg	cggaaccag	60
ctaagagttg	ggtactgctg	aggaaaattg	atgggcagtt	ggtaaaatag	gtgtgaatga	120
gagaaagctt	tggtggggaa	ccatggtggg	tatgtgggca	cgttctacat	tactacaagt	180
attgggaatt	tcccagggga	acagcaaaat	cttgtcttat	ttatgtttta	ttttaaaaaa	240
ttccactggg	gtgcagtggc	tcacgcctgt	aatcccagca	ctttgggagg	ctgaggcagg	300
cagatcacga	ggtcaggaga	tcgagaccat	cctggctaac	acggtgaaac	cccgtctgta	360
n						361

<210> 116

<211> 386

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(386)

<223> n = A,T,C or G

<400> 116

gggtaacctg	gagacattca	gaaaatatct	gtggaactcc	tgcattttgt	gaggcactgc	60
ccacggcatt	ggagagagag	atgcctttgt	ggtaggtccta	aaagagttca	cagtctggcc	120
aggagacatt	gtacaaacag	actataaatg	gctgtgcttc	ttttttttct	aaagaatgtt	180
cagcgggagc	acttgggacc	tacctgtgag	agctgaggaa	ggcttcacag	aagaggtctt	240
gcttaagagg	aaacatttgg	ggccaggtgc	agaggctaata	tttttgtatt	ttcttcttag	300
cagagatgcg	gtcncctcgt	tttttcggac	cattttcaac	ccttcactna	aagggtgctc	360
ctggagaggg	atctttttgt	gccgtg				386

<210> 117

<211> 386

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(386)

<223> n = A,T,C or G

<400> 117

agtgcagtga	tacaatcatg	attcactgca	gcctcaacct	cctaggttca	aactatcctc	60
taacctcagc	ctcctgagga	gctgagacta	caggatgtga	ccactatgcc	tggctgtttt	120
tttaattttt	tgtagagatg	gggtctcact	atgttgctta	agctgttctt	gaacacctgg	180
gctcaagtga	tcctcctacc	ttggcctcct	aaagngctgg	aattacaggc	atgagccctt	240
gtgcccaggg	tctggaattc	tttagagaaa	tccttcatct	gtcttaatag	aaaaccatgc	300
cttattaggt	tactcacctt	tatatcaaaa	tttttcctgg	gtgggtgcag	acgctatatc	360
tttgggaaca	agaagtcctt	tataaa				386

<210> 118

<211> 385

<212> DNA

<213> Homo sapiens

<400> 118

gggactcttg	ctaaaggcca	gccatggact	tacacttaca	aagcatcacc	ttatcaaagg	60
tggaggaaga	tcaacttgat	atcaagggtg	accagatttc	agggaaatagg	gattctcact	120
aaactgactc	ccagaggtct	cttttagcaa	ggcactcatg	ccaagcgcag	tggctcatgc	180
ctgtaatccc	aacactttgg	gaggctaagg	cagggtggatc	gtctgaggtc	tggagttcga	240
gaccggcctg	gacaacatag	tgaaacccag	tctctactaa	taaaaaaaaa	aaatgggccg	300
tcacattggc	tcaggcctat	aatcccaaca	ctttggggagg	ccgagggtggg	tggatcacct	360
gagggcaaaa	gtttgagacc	cgccc				385

<210> 119

<211> 386

<212> DNA

<213> Homo sapiens

<400> 119

tattaataat	gctaaacact	taccagcttt	gtaacttttag	ctatctatca	ccattgagtt	60
gtttcctaata	ctataaaatg	gtggaatcc	ctcatacgac	tgtggaactg	atgaaataat	120
atggcatatg	taaacatttg	gttcaagacc	tgtacatttg	gatgaggaat	gtcaacagta	180
aagtaaaatt	ttgatctttg	agtgtgtagt	gagcttggtta	tgtcactttc	tgtggattct	240
atttgacact	cataaagaaa	aactctaggt	ttaaaaatgg	aactaggcca	ggcgcagtgg	300
ctcacaccta	taaccccagc	actttggggg	gctgaggcgag	gcagatggct	tgagcccagg	360
agttcaagac	caacctggga	aacatg				386

<210> 120  
 <211> 383  
 <212> DNA  
 <213> Homo sapiens

<400> 120  
 tattttactac ctggtcattt ataaagaaca gaaattgatt tttcacagtt ctgcaggctg 60  
 gaaatccaag atgaagtcac ctgtagttca gtgtctgcgt ctaagagagt actttgttgc 120  
 tgcacccgcc agagggaaga aatactgtat cttctcatga aggaaggaac cgaaggtggg 180  
 aatagggacc aaactccctc tttcaagcct tttttagtg acattaattc atttatgagg 240  
 atgccaccat catgacataa tcatttccca aaggatttca cctcctccca ctggtgcatt 300  
 ggggattaat tttccaacac atgaattttg agggacacat tcacaccata tgcactggta 360  
 tatagtaact aggtggcccg atg 383

<210> 121  
 <211> 410  
 <212> DNA  
 <213> Homo sapiens

<400> 121  
 ctggttgccea ggctggagtg cagtgggtgca atctcggtc actgcaagct ctgcttccca 60  
 gggttcacgcc attctcctgg ctcagcctcc caagtagctg ggactacagg caccgcgccac 120  
 agtgccctggc taatttttttg tatttttagt agagacaggg tttcaccatg tgagccagga 180  
 tgggtctcaat ctctgacct tgtgaaccac ccgtctcggc ctcccaaagt gctgggatta 240  
 caggtgtgag ccaccacgcc tggcccatga accaagtgtt tttaaggaaa caaaactatt 300  
 tttttaatca tcagatttat actagctata tggatattag catatctggt aattatgaat 360  
 ctagaatttt tttacatatt tttataatac tggtagctca ggtattggag 410

<210> 122  
 <211> 410  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(410)  
 <223> n = A,T,C or G

<400> 122  
 cggttgctgtc gaaaggacaa aaccctgact ccagtgagt ctgaggccaa agctgaaaac 60  
 agaaccceaag aagcttaatt cctgacctca gttccaatca aacagcacga attgtggtgg 120  
 acctccagct gtgctcagat ggggggacac aatattggca gtacctctt ccttgccctc 180  
 caggctgagt gccagtgtgg gagcgtgctc atgagagccc tgcacaagcg ggttttgagc 240  
 acatgctacg ctctagcccc gtggaagcct ggactagtta gaggcagaga acagctcagg 300  
 acagacacct ccctgcagag ccaaacagag tgcagcgctt gcctcgctgg gccatcctga 360  
 gagctggggc cttcccagga aagagggagc tcgnggggca ccaccccatc 410

<210> 123  
 <211> 416  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(416)  
 <223> n = A,T,C or G

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<400> 123
tacggctgcg tgaattatac agaaggggtgc aatgttttgg aggggggagaa gtatttcaca      60
cacataagta tgattttccc caaccagacc acaagctctt caagggttaac aacaccctag      120
cccaaccccc tccccctcag acaattcttc tgctctccta gagcagactt tgatctagat      180
tggatctaaa ttgactogaa atgtcaggaa gaagagatta atgcacatgg tccctttctc      240
tgagagaagg agtgatagag caaagcttaa gcctgggagg gagatgaagc tgcccagcac      300
tctcttcacc ccgtctgggg cttcgaaggg ggacagggtg aacactagag acagctggct      360
gcctgggtccc gagctccatg tgaacagcct cctcccaaat cttcctttgg atctgn      416

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<210> 124

<211> 382

<212> DNA

<213> Homo sapiens

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<400> 124
cgtctgtcca tctgtcgtec ctgccagcac agggggatgg tcoctggctct aggggctgca      60
gaacacagca aggcccagag gccagaggct gcaggcgggc ctgaggggtga acttcccccc      120
gagaaagagt ctctggaaga gaatgaatgg cccagcaggt agtgagaact ctgtcactag      180
ggatataaag ccgggatgga cacaggggaag gacattttctg catcagtggt ggggtcccat      240
cagttaagag agcctgtgac tctgtcgagg gaccatgggg ggtggcacca gagcccaggg      300
cacctgaggg cctgtctgga tgcagctgct agtggtcata ggacagcaaa cactattcat      360
tggattctga cttaggcagg ta                                382

```

<210> 125

<211> 382

<212> DNA

<213> Homo sapiens

```

<400> 125
tgatccaccc gcctcagcct cccaaagtgc tgggactata gacatgagcc accaaacttg      60
gctagaaatt ttctcttttt tcccttagac ggagtccttg tctgtcaccc aggctggagt      120
gcagtggcgg aatctcgact cactggaatc tatgactccc aagatcaaga gagtttccta      180
cctaagactc acgagcaact gggattacag acgcctgaca gcatcgcttg gctaaagatt      240
atattaatgg tcgagatgcg ggaatatact gaaggttacg ccggcgacaa gactacttaa      300
tggggcggag gggagaatac gacttaaacy gtcccgcttg gacaagacga ggaaaagcct      360
ctatttgcca gaacaaaaga at                                382

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<210> 126

<211> 411

<212> DNA

<213> Homo sapiens

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<400> 126
caataaccat gtggagaagc tgtgacattt ttaatttaca acctttcttg ggctcagaca      60
taaagttacc tatccaaggt tgcagttggg tagtggtggg accaggatgg acaactcatt      120
ggccctgcct caaaagccat acctcttctc ctgctatgca gaatctgttt ctctgaatc      180
tctgtgatgc tgggtgggaat tgtttgata gaggaaggac aataaccctg ccatcgtgag      240
ttaatgtccg ggctgggtcac agtggttcat gcctgtaatc ccagcacttt gggagtccaa      300
ggcaggcata tcatttgagg tcaggagttt aagaccagcc tggctaaccat agtgagaccc      360
tgtttctact aaaaatacaa aaataagcca ggtgtggtgg tgcagtactg t                                411

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<210> 127

<211> 412

<212> DNA

<213> Homo sapiens

```

<400> 127
cgttgctgtc ggaaaactac aaagcagcag ttaacagatc aaggaaatgg taaatgtata      60
gactttatga ataatatcca tgttgaaaac gaatcttttg ataactttct aaaagaaaca      120
aacaagaga acttgctcga tatcttaaca gaacctgaga ggaagccaga tcctaaatta      180
tataccagaa gtaagccaaa gactgactct tataatcaaa ccaagaacag ttagttcct      240
aaacaagcct tggggcaaaag ttcagttaat agtgctgttc tgaaagatag ggtaataaaa      300
caatttggtg gagaaacaca aagcaggact ttcccagtaa aatcacagca actctctaga      360
ggagcagatc ttgcaagacc aggagtaaaa ccctcaagga cggttccctc tc              412

```

```

<210> 128
<211> 373
<212> DNA
<213> Homo sapiens

```

```

<400> 128
aaagcatcaa aaccttttct ttaatcccaa agttactaaa gtgatttaat acatttgata      60
ataccataat actgccatta tctttaatct ctctccaact tcctgccata aatcattttc      120
tcagagtggg cctcaattta gggtagaatt gctagttaca tagatgatgt caattgggaa      180
atacaaaaaa attagccggg cgtgggtggc ggtacctcta gtccagcta ctcgaggagg      240
tgaagcagga gaatggcgtg aacctgggag gccgagcttg cagtgaagct agatcgcgcc      300
attgcactcc agcctgggca acagagcgag actccgctct caaaatagat acctgatttc      360
tttttgactt caa              373

```

```

<210> 129
<211> 401
<212> DNA
<213> Homo sapiens

```

```

<400> 129
cgttgctgtc gccagcacc tggcatgtta atagtgtgtg aaagatctct gaataagggg      60
gtgtgggttg ctctctcaat tgcaatacca atgggaccac caccggttta tctggttaac      120
agcttcacag atccagaatt ttatgtaatt tgtctgtgta tccagaattg atcatattcc      180
ggagtctgac tcatggtaac ccagctgtca gtagactgat gcgtaagcca ggtgcaaatt      240
tgtttacttt actattgaag tagataccct tccaatgact gaaatcccat atttaggata      300
ccccattcct gctatggaaa tacttaggag actaaattgt gaatcaaagt ttgtgactgt      360
gaggccgagt gcagtggctc acacctgtaa tcccagcact t              401

```

```

<210> 130
<211> 374
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(374)
<223> n = A,T,C or G

```

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<400> 130
gcactccagc ctgggcaaca agagcgaaac tccatctcaa aaaaaagaa aaatgaacaa      60
taaaataatg gtgggctgtt cgggtgaggg tagtgggtac tctggggctc tgccagagag      120
taaggactga gacctcttt caacatctga gttcctcttc atgaattgcc ctgagaaggg      180
tgccaggggc cgggcgcggt ggctcacacc tgtaatccca acactaggag gccgaggtgg      240
gcggatcaca atgtcaggag atcgagacca tcctggctaa catggtgaaa ctcntgtttc      300
actannaata caaaaaatag gccaggcgca gtggctcacg cctgtaatcc agcacttttg      360
gaggnccgag cggg              374

```

```

<210> 131

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<211> 239  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(239)  
 <223> n = A,T,C or G

<400> 131  
 ctttataaaa tgtctccatc tttataaacc aagacatctc tctataatcc aaagtttcat 60  
 tctccttttg aatctcaaca tatatatatt cagaaggaaa ctacttgtag gtgggtctgtc 120  
 actattatct gtcataatct aacttctaga cttgttgata agttcagatt ccaagtttta 180  
 gtacgattta ctaaaaaaaaa acctagcatg cagaaacaaa aatattttct ctacagctn 239

<210> 132  
 <211> 372  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(372)  
 <223> n = A,T,C or G

<400> 132  
 gttggacaag attttatgta gtctatgcag ccacttggtg ataaagaaa cagcaaaaagt 60  
 ggtagtcagc aatttgggcc aactatctta cttttctgct ctcttccaac agctctgcta 120  
 gatgcaagtg acagaaaatt aatgaactct tgcaggaatt ctatcccaac ctctggaatt 180  
 caagaatgtc ctctattttg gctagttaga attgtagag tcattctcca tggaaaatga 240  
 cttgattcat agttattcta ttattaagaa aacaatggct ggctgggtgc ggtgggtcac 300  
 gcctgtaatc ccagcacttt gggaggcaga ggtgggcgga tcacgagggtc aggagatcga 360  
 gaccatcctg gn 372

<210> 133  
 <211> 399  
 <212> DNA  
 <213> Homo sapiens

<400> 133  
 gccttctggt actttgtgtc ccattagtag ctgcctctat gccttaccat tttgagcaga 60  
 tccttgagtg ggatgatacg tgcaaaactg tgcttttaggc agtttggtgt tataggcacc 120  
 tgctctctac tctgtttgct ctcaacttag taggtggagc agcaattttc cttttttggt 180  
 atatggaata ttctggtaac ttttttgcaa ctttaagaaa tttcaagcca ggtgcagtgg 240  
 ctacatctg taatcccagc actttgggag gccaggcag gtggatcacc tgaggtcagg 300  
 agttcaagac cagcctggcc aacatggtga aaccccatcc ctactaaata caaaaaaat 360  
 tagctgggagc tgggtggcaca ttctgtaat ccagctac 399

<210> 134  
 <211> 208  
 <212> DNA  
 <213> Homo sapiens

<400> 134  
 tcctgaagt catggactgt gccagtcttg tccactcctg tgtccccagg tcctgtcaca 60  
 aggctggca tgtggttagt ttaaagtggg ttctgttatt cgcacacagc tgttcactcc 120  
 tgattttcca gtacctcttc tgtgtcagga gctcttttat gtaaagcttg agatcacagg 180

aacccgctgg ttaacagggt tgtatccc

208

<210> 135

<211> 372

<212> DNA

<213> Homo sapiens

<400> 135

actgtacacc	agtggttctc	ttcaccaact	ataatgccta	attttcccgt	taatttccta	60
cttctgggta	ctgtaaacaa	agtaaataccc	tcattcccta	cagctgggcc	acaaaaccca	120
ggatagaccc	ttgtaatctc	tgtgatccct	ggatgttcac	atgagctctt	gactgatgcc	180
cacttctgc	atgttggtca	acattttacc	tggatccttt	ggaaggaagg	gaaacaaaaa	240
ggatcagcaa	tatgaacctc	ttaatttgag	taaagtctaa	tcaaacccaa	taacaggccg	300
ggcatgggtg	ttcacgcctg	taatcccaac	actttgtgag	gctgagggtg	gtggatcacc	360
cgaggtcagg	ag					372

<210> 136

<211> 371

<212> DNA

<213> Homo sapiens

<400> 136

ggattgtgcc	tgcactgaat	aaaaacaagc	agctccaact	tctcagggtc	gctctctggc	60
cactagagcc	aggcagtcac	ctagctgctg	ttatgctgca	tacctgtctc	tgagtactcg	120
cttcatccat	cggccagggt	ctgtgggaca	gaccaggcag	gtgggtgccc	atgtgaggaa	180
cgctgcaatg	gattgcaagg	gaaccctga	aaacaaatgt	gaagcgactg	agcattgtta	240
tccttataac	accaggacct	aatgagctat	agcgctctgg	atgggtattct	ttcgtcctca	300
cactttgaat	gctttttgtc	ccctcccccc	atcaaaaacc	aggggggtggg	gtctctcacc	360
agctcgcccc	g					371

<210> 137

<211> 402

<212> DNA

<213> Homo sapiens

<400> 137

ggcacgagaa	aaagagagat	aatctctaaa	attttgtgag	ttttctgata	cttaactgtc	60
aaaatacagc	agatatctca	agtttcctca	gttgtaaaat	ggacttattg	aaacttgcag	120
agtttttcta	caaattttaa	atatcttatg	tgtacagaaa	gggaaaaata	gtaacattac	180
cagggagaaa	cccagtaaac	atcactttag	gcaagtgatc	aaagttgaca	tcacctgtaa	240
taaaacctat	caatatcatg	tgcccccaaa	tatggtttga	ggaggtagcc	atgtcacatc	300
tgtgacagtc	ttcccctaaa	tccataacct	cagtctaate	atgtgaaaaa	tatcagagaa	360
accacacatt	agggtcattc	tacaaaaacc	tgacgagtac	tt		402

<210> 138

<211> 405

<212> DNA

<213> Homo sapiens

<400> 138

cgttgctgtc	gcaaactttg	ggtttattta	taacgaaaca	caggagaagg	tttcagcagt	60
tgccccgagc	tgttttgtgc	gtaatgaagt	ggctctttga	ttaaggagct	ctatttctta	120
tttaactgat	atcccactgc	cccactccac	agaataggaa	aatgaacaaa	tctttctctc	180
tgacttggtt	acatcatttc	acggaaacac	atctttgttt	gcaatgcagt	attctttctc	240
tgtgctcgac	agagatgggg	aggggcacac	gaacttaaga	ggctctagaa	caaacgctat	300
gctgattatg	acttggttcc	acttctcgca	cagtgtctagt	cttaagtgtc	taccacacct	360
aaaggtaaaa	ccccctcct	tttagcctaa	ggggaggggg	ggacg		405

<210> 139  
 <211> 398  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(398)  
 <223> n = A,T,C or G

<400> 139  
 ggcacgagga accttgctac aggtagaagg gatgttaaag acttggtttc cacaaatagc 60  
 tgcccagaag tcatcattgg gtggtggcaa gcatcagctg accaagcatt ttccaagcca 120  
 ccacagtgat tcagctgctt cctctcctgc atctcctatg gaaaagatgg accagacaca 180  
 gctaggacat ctagctttta aaccaaagca gccttggcac ctcacacaat ggccagctat 240  
 gaacctcacc tggatccaca ccactccaat ttgcaacccc cctctcagct ccccaggtac 300  
 tatctccttt agccatggtc ctttaggcac tggaaacggc attggcgtca ttcttttctt 360  
 ccagcatgga gtgcaaccct tcacccactc tgccccan 398

<210> 140  
 <211> 402  
 <212> DNA  
 <213> Homo sapiens

<400> 140  
 ggcacgaggt tgactgcaga gtgaaacatc cttgcaaact cttccacact ccttcacgac 60  
 actgagttgc catgtgaggt tcttcaagtc tgagagtggg agggatccct atggagactc 120  
 ctattaaacc cctattagag gaagagattg agagacctag caatgtgaag taacaaagat 180  
 caggcagctg caagtgactc ctgaatcttg agtccagggc tttcgccact acagtacagt 240  
 gggttttcttt tctttgggtc gggagagtgg gctggaatgg agagtgaggc ccacaaatta 300  
 cctgcagaga cgtggaggcg tgaggggagaa catgcttggt aaatatgcag gtagattagg 360  
 agacacccaaa cagagattca gacacagtaa ggctgggatg ag 402

<210> 141  
 <211> 399  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(399)  
 <223> n = A,T,C or G

<400> 141  
 cgttgctgtc ggtaagctaa caaacaatcg aggcacatac acacacacac atatatatat 60  
 tttttccttc aatgcaatga atattttatt gagcatctta tgtgggcaag gcaactctatt 120  
 tgtgaaaaat tcaaaagatc apctgccctt aggaatcctc tgggtcaactg tacgagaaga 180  
 aggaaggggg caaggtgaga caagtaagca aataattatg gacttgactt ctgggcagaa 240  
 gctatcacag ctacatttgt taattgctca gttaagtgc ctttgaaatg ttctatagcc 300  
 atgtctccat taagaatatg aaatacggcc gggcgcggtg gctcacgcct gtaatccag 360  
 cactttggga ccccgaggga ggtggatcat ttgaggtcn 399

<210> 142  
 <211> 317  
 <212> DNA  
 <213> Homo sapiens

<400> 142  
cagagtttgc agtgagctga gatcgcacca ctgcactcca gcctgggcaa cagagcgaga 60  
cgtcgcca aa ttataaaac caaaaaaaa aggggggggg cctttttctt ttttttcccc 120  
aacttgga aa aatctttttt tgtgtggggc ccccccccc ctggaggggg ggggaaaaaa 180  
ccccctttt ggaaaattt gggccctttt tttttttggg ggacccatta aatccccaa 240  
aaaaaaagta aaacaccccc ttggtttttt tttttatttc cgggccgggg gggggggggg 300  
ggggttggtt tccaccc 317

<210> 143  
<211> 406  
<212> DNA  
<213> Homo sapiens

<400> 143  
gccgttgctg tcggcctgta atcccattta cttgggaggc tgaggcagga gaatcgcttg 60  
agcccgggag gcggaggttg cagtgaagctg acatcgctgc actgcactct agtctgggtg 120  
acagagcaag actccatctc aaaaaaaaaa aaaaaaaat tttggaaacc taggggttta 180  
aaaaaaaaa aaaacatttt tcattttggg ggggtgaacc ccaaaaaaa accccattt 240  
aaagccaccc tttttttaag ggggaagggt ccaaaaaaa ggtgggcccc cgcccttgta 300  
ccggataaaa ctcccaaaag ccccccaaa aaacatcccc ttgggggggg ggacttaacc 360  
cgggggggtt tgggggagaa tgggtaagcc ccaaaagggg gcctaa 406

<210> 144  
<211> 398  
<212> DNA  
<213> Homo sapiens

<400> 144  
cgttgctgtc gggccccagg tggggagatg actccaggag gggacctgcc aaggacctgg 60  
gcagccagcc acgtgttctg tgccctgcc ctgccagctc caaactcaca gtgtcatggt 120  
gggtgggttg tgggaaaacg tcctctgctc ataacttctga catcagttgt gtgggtattt 180  
tcacaccaa caattcttca acttctggaa acgaattggg tatccaagga ttccattcag 240  
cattgaacag aattgccagt gctgacacta caggagttag tacagacccc acagattaag 300  
ggctcagtc cataagactg cccccacttc agatgccagt cacaacttcc aggggctgcc 360  
catacttctg ttccctcage gcctctgcag atgtgagc 398

<210> 145  
<211> 402  
<212> DNA  
<213> Homo sapiens

<400> 145  
ggcacgagca cagtatgaac tactgctgat gtctctgttg gggatcagag ggctggcggg 60  
aacgcgagaa gggcaccagc agcattccac acccagctct tcctcacctt cctgtctagt 120  
ttgaatttct tttttttctt tttctttttt ttttttttaa attaaaaagg aaaaaggggg 180  
gggtgggaaa aaacctaaac caaaaaagg gcataagggc taaaaccacc ccagaaaagg 240  
ggcccttggt tgggggaaca agggctttgt taacccccct tgttttggtt ttgcacaagg 300  
tgggccctgc ttaattttca ggggcctatg ccccatTTTT ggccctgggg ggctcggggc 360  
taaggctcca cagggtgaa agtccctgc cagggttttag gg 402

<210> 146  
<211> 406  
<212> DNA  
<213> Homo sapiens

<400> 146

ggcacgagcc	ccaccctgct	gccttatttg	taccagggc	tttgacacaa	accagtgct	60
ttgcttatgg	gtgctcgctg	gggtccggtg	gagactgacc	accctgcttg	agccaaagac	120
aaggtgatga	gagatgggga	gaggccattg	gtccccagag	ggaacagcgc	tggctgtggc	180
tagagaacag	caggtctgtg	cagtgtctga	gggcagggtg	ggaagggtag	cagagagaga	240
gagacagaaa	gagagagaga	gagagagaga	gagagagaga	gagagagaga	gactctcaga	300
gtggaatggg	ggggacgcat	ctagacacat	tggctagtca	cgcatgaagg	agggagaagt	360
acaggggata	ttataatggg	tttccccggg	ggagccttag	gaatcg		406

<210> 147  
 <211> 372  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(372)  
 <223> n = A,T,C or G

<400> 147						
gccggctctg	ccttttaact	gcttttcact	ggtctgaggt	gtatctgtat	aatggggagt	60
catagggttg	ttgagattaa	aaacaaaaat	actcgcttgt	aaaaacacag	tgctgggcct	120
acactaaatg	tcccagaaat	gtccttcctt	tgtcttcctc	cactgggggg	gtctatatca	180
tgagcccagt	ggtatgggat	acccagggcc	accctcctgt	cttcctgctt	gtccaccag	240
agccggcttc	ttccatggca	ggacctgcaa	atgctggact	cacagaaggc	tctgagaagt	300
aaataacagg	tgaggctggg	ggtgccttct	tatttcttgg	ngttgtcccc	agtctgttaa	360
gagacagtct	aa					372

<210> 148  
 <211> 401  
 <212> DNA  
 <213> Homo sapiens

<400> 148						
acccatcgat	tcgaattccg	ctgctgtcga	ggaaatggta	aatgtatatata	ctttatgaat	60
aatatccatg	ttgaaaacga	atcttttgat	aactttctaa	aagaaacaaa	caaagagaac	120
ttgctcgata	tcttaacaga	acctgagagg	aagccagatc	ctaaattata	taccagaagt	180
aagccaaaga	ctgactctta	taatcaaac	aagaacagtt	tagttcctaa	acaagccttg	240
ggcaaaagt	cagttaatag	tgctgttctg	aaagatagg	ttaataaaca	atttggtgga	300
gaaacacaaa	gcaggacttt	cccagtataa	tcacagcaac	tctctagagg	agcagatctt	360
gcaagaccat	gagtaaaacc	ctcaaggacg	gttcccttcc	g		401

<210> 149  
 <211> 398  
 <212> DNA  
 <213> Homo sapiens

<400> 149						
ggcacgagga	gccatgcgag	cagctcgctc	ccttgagaga	agaactgtaa	cagaactgat	60
attacagcac	cagaacctc	agcagttgtc	tgccaatcta	tgggccgctg	tcagggtctg	120
aggatgccag	tttttagggc	cagctatgca	agaagaggcc	ttgaagctgg	tggtactggc	180
attagaagat	gggtctgccc	tctcaaggaa	agttctggta	ctttttgttg	tgcagagact	240
agaaccaaga	tttctcagg	catcaaaaac	aagtattggt	catgttgtgc	aactactgta	300
tcgagcttct	tgttttaagg	ttaccaaaaag	agatgaagac	tcttccctaa	tgcagctgaa	360
ggaggaattt	cggagttatg	aagcattacg	caaagaag			398

<210> 150  
 <211> 368

<212> DNA

<213> Homo sapiens

<400> 150

ccaggctggt	cttgaactcc	tgacctcagg	ttatctgccc	accttggcct	cccaaagtgc	60
tgggattaca	ggtgtgagcc	actgcaccca	gcctccttta	ctggttctta	atttttaaaa	120
tgtactggag	ttttctcttc	catgtaaatt	ttagaatcag	cttaagttgt	attaaaaata	180
cctcattggg	attttgtttg	ggattacatt	ttaattgtag	atttaaactt	tcctatgtaa	240
ccaacgtaat	gtgggccttg	ttttggtgtt	ttttatacct	tgaagcgatt	atagcttaat	300
ctttccggcc	cgtcactgtg	ggttactctc	tgtattggca	attatatttt	tttttcta	360
gaaaaaag						368

<210> 151

<211> 369

<212> DNA

<213> Homo sapiens

<400> 151

atactgaagg	taatagggca	ggctgggtcc	atcagggctg	agaggcctgc	tgaagatcct	60
tccacaagag	ctgttccttg	agtctgtgta	gacagttgga	aattaaagtg	agagaggaga	120
aggaataatg	aaggaggctg	ccatttataa	atgtcttgcc	tgaactag	gccgggagcg	180
gtggctcacg	cctgtaatcc	caacattttg	ggaggccgag	gcgggcggat	cacttgaggt	240
caggagtoga	gaccagcctg	gccaacatgg	cgaaaccccg	tctttactaa	aaatacaaaa	300
attagcagga	cgtggcacac	atctgtaatc	ccagctactc	aggaagctga	ggcatgagag	360
tccgttgaa						369

<210> 152

<211> 364

<212> DNA

<213> Homo sapiens

<400> 152

agagaggtga	ggacagagac	agctttattc	agcagggacc	gcagaggccc	cggagggctt	60
cgtccagggg	gctggggaga	gaggaggagt	cagagacagg	agagacagac	agagatggag	120
agaaatgggg	ggagagacag	agacagaaat	gggggtagag	acagagacag	agagaaatgg	180
tgggagagag	gcagagagaa	gtgggggaca	gtcagagata	gaaatgggga	agagacagag	240
atagaagtgg	gggagaggca	gagacagaga	gaagtatagg	agagacagag	atagaagtgg	300
agacagagac	agagaagtgg	gggagagaga	gatagaaatg	ggggacagac	agaagttttt	360
atag						364

<210> 153

<211> 363

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(363)

<223> n = A,T,C or G

<400> 153

attagtgtta	tgaacgaag	catcacactg	ctgcacacat	aggaggcatc	ttgtcgttct	60
tatgctattg	accaaagaag	gttctcttct	cttgatatagg	ccattctatt	tggccacggc	120
aagatgtcta	ttaattatat	gagcaaggat	aggaaacctt	cccagcccac	cgtggcagac	180
aatttagccc	tgcggatcaa	tgggataaca	gatgtctcag	cctgaactct	ttcacagcag	240
agcatttttc	cattottgtt	gtggacttca	gtgtgagcac	tgtgagagca	ggaactgagt	300
cttattcgtc	tttgggtcac	tagcacagag	gctagcattt	ggatggagggt	cactgctctt	360

atn

363

<210> 154  
<211> 343  
<212> DNA  
<213> Homo sapiens

<400> 154  
tctactgaaa atacaaaaat ttgccagggtg tggtagtgca cgcattgtagt cctagctact 60  
cgggagggtg aggcaagaga gtcacttgaa cccgggaggc agagggtgca gtgaactgag 120  
attgtgccac tgcactccag cctggccagg tgacagagca tgacttcttc tcaaaaaaaaa 180  
aaaagaaagg aactataaaa ttggggggggg ggggggagggt gaccccgcgg gggggccactt 240  
aggggggttta agagggtttcc tttgggggaa gggaacttaa tttaattttt gaggggaaaaa 300  
tgagaagccc aggggggtccg cccagaacgg gtaaaaattg ggt 343

<210> 155  
<211> 147  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(147)  
<223> n = A,T,C or G

<400> 155  
cctaattgac gtttatactt aaaattcaga gtacattaca aggacttctg gttggtgagc 60  
ttttaagaat tatacagcag aatctttttc atctggnttt atgagttgct gcaataggat 120  
aaagctattg taaattaatg ggaactn 147

<210> 156  
<211> 285  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(285)  
<223> n = A,T,C or G

<400> 156  
gaccatacat cattttccat tctgggacag aggaagaaga cgggtggggg agttgatctg 60  
gctagcccag agctggacag tgccattcta ttcttccctc ccacttgtct acacgggtggt 120  
tattactact tgctctgctg cccaggctgg agtgcagtgg tgcgatctcg gctcactgca 180  
acctctgctt cccagcttca agcaattctt ctgcctcagg ctccaagta gcaggcatta 240  
caggcgcttg ccaccacgcc cagctaattt tctgtatttg tggtn 285

<210> 157  
<211> 389  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(389)  
<223> n = A,T,C or G

<400> 157  
 tacggctgct agaagactac agaaagggttc tagagcacgc aacctagatc cctcacatgt 60  
 gcagttcaca ataggggttca cactcctatg acaacctaata gctgccgctg atctcacagg 120  
 aggcggaact caggtgggta atgctcgctg gccaccggtt cgcacacctgt tgcacagtcc 180  
 agttcctaac aggccacgga ccagctgagg acccctgctc tagagaatcg ccaaagtgtga 240  
 gggtggtcat gaaagtttca aacagggtgtt aaaggcaaag cgatatacta gaatcatcac 300  
 tgcattttta nagagcacta ttaggaagag ctctcatctt tctctcttga tcaaagtgcc 360  
 tttgaaacaa agagacttgc atctagaag 389

<210> 158

<211> 391

<212> DNA

<213> Homo sapiens

<400> 158  
 ggcacgaggt caccagggct gttttgtttt ggcgtgatct gcaacctctg cccccgggg 60  
 tcaagcgatt ctctgcctc agcctccga gtagctgaga ttacagggtgc gcgccaccac 120  
 acttggttaa tttttgtatt attagtagag acgggggtttc agcatgttgg ctaggccgggt 180  
 ctctcctgac ctccagggtga tcagcccacc tcgggtctcac aaagtgctgg gattacaggc 240  
 gtgagccacc ttgccagcc caccatcatc agtttgaaat gaaactttgc cacaaccagc 300  
 ctttgctgta gcacacacat atatcactga acctgtttga aataaaggat tttttgtttt 360  
 tcatgactcg gctttgagta cctccacgcc g 391

<210> 159

<211> 361

<212> DNA

<213> Homo sapiens

<400> 159  
 gtgctctgtg acccgagcta gaaggcagtg gcatgacctg actataggtc actgcagcct 60  
 ctaactcccg ggctcaaaca aatctctcgc ctccagcctcc caagtagctg ggaatacagg 120  
 tgtgagccac tgtgtccagc ccttaacttc tcctttttat cagagtgtaa ccaaagggtgt 180  
 cctgaacact gagccctcca gggctctctc tcatttctct ctgggctcgc ttgcatacca 240  
 cggttgcaag cataccatgt ctgatgggag ggcccagagg tgaccatgct ggaaggggaca 300  
 ccagggtctc gcagggtctt agtgtcagag gtcactgact ttcttaagca cctggcatct 360  
 g 361

<210> 160

<211> 394

<212> DNA

<213> Homo sapiens

<400> 160  
 cggttgctgtc gggcacggga aaataaatag tctttcgcgt gtggcaggggt aaccttgtgc 60  
 tcagggaggt ccgggaacct ggacgatttc agtctgtcct gctccccctcc ccatgacaca 120  
 tacagcggca ctctgtcgct caccatagac cggcgggtcat atccgcacac agccacggcc 180  
 ctccaggtgc agtgcgaggt ctcaggtggc agagggcaca cccctggcag ctctatttat 240  
 ttattgagac ggagtttcac tcttgctgcc caggctgtag tgtagtggtg cgatctcggc 300  
 tcaactgcagc ctctgcctcc caggttcaag cgattcttcc gccttagcct cctgaatagc 360  
 tgggactaca ggcattgcacc accacacccg gctg 394

<210> 161

<211> 391

<212> DNA

<213> Homo sapiens

<400> 161



ggcacgaggg	aattaccccc	cttgcctcttg	gggggctgct	agactgtctt	gccgcgggga	60
gggatgttga	ctgcagagt	aaacatcctt	gcaaactcct	cccacctcct	tcacgacact	120
gagttgccat	gtgaggttct	tcaagtctga	gagtggaagg	gatccctatg	gagactccta	180
ttaaaccctt	attagaggaa	gagattgaga	gacctagcaa	tgtgaagtaa	caaagatcag	240
gcagctgcaa	gtgactcctg	aatcttgagt	ccagggcttt	cgccactaca	gtacagtggg	300
tttcttttct	ttggtcgggg	agagtgggct	ggaatggaaa	gtgaggcca	caaattacct	360
gcagagacgt	ggaggcgtga	gggagaacat	g			391

<210> 162  
 <211> 366  
 <212> DNA  
 <213> Homo sapiens

<400> 162						
taagtgacca	tttcttcact	cctggttttc	caattgtttt	gacactgaca	ttcaattagg	60
aggactaaat	acacagtggg	gatgatgggtg	gtgattatat	cattttatga	tcaacacctt	120
cttactggtt	tgtttctccc	aatattactt	atgagacagg	aacttacttt	ttcttatggc	180
cctcaacacc	ccccagttgc	tcctagaacc	ctatctcttt	tctgatccca	ttacacaatt	240
ttgaggtttt	cgttccccc	cttatacttt	gttttctctg	gatttttgag	ggacctgggg	300
ttttttctac	ctctcctttt	tctcttaaat	tttttctttc	taacttagac	ctcccttccc	360
tttttg						366

<210> 163  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<400> 163						
cggtgctgtc	gggcacgtgc	caccacgccc	ggccaatttt	tgtattctta	gtggagacgg	60
ggtttcgcta	tggttggtcag	gctgggtttg	aactcctgat	ttccggtgat	ccaccaccct	120
cggccttcca	aagtgtctggg	attacaggcg	tgagccaccg	cgcttgcccg	gaaatcatgt	180
aattttaa	tatatatggg	tgtcttaggc	ggcatcggtc	ccaactctaa	agtacgcgtt	240
agacgggcct	gggccagaag	tgggccatgg	agacctcggg	acccgcaggg	ctgccgcccg	300
acccagcgag	cctctgaagg	tgcaccgcca	ccccactgt	ttatcttact	gcctcatagt	360
aggcacattg	tcggttctcaa	tataattgca	caca			394

<210> 164  
 <211> 368  
 <212> DNA  
 <213> Homo sapiens

<400> 164						
cgtctgtcca	tctgtcgtcc	ctgccagcac	agggggatgg	tcctggctct	aggggctgca	60
gaacacagca	aggcccagag	gccagaggct	gcaggcgggc	ctgaggggtga	acttcccccc	120
gagaaagagt	ctctggaaga	gaatgaatgg	cccagcaggt	agtgagaact	ctgtcactag	180
ggtatataag	ccgggatgga	cacagggaag	gacatttctg	catcagtggg	gggtcccat	240
cagttaagag	agcctgtgac	tctgtcgagg	gacctggggg	ggtggcacca	gagcccaggg	300
cacctgaggg	cctgtctgga	tgcagctgct	agtggtcata	ggacagcaaa	cactattcat	360
tggattct						368

<210> 165  
 <211> 397  
 <212> DNA  
 <213> Homo sapiens

<400> 165						
cggtgctgtc	gcgctcagga	ggcctgagct	tggctccttt	cctctctgct	tggattctgg	60

accaccacct	gggaaccaacc	ttcagctctg	gaacottcat	aaagcaggtc	agcgtggcct	120
gattgtccca	ggacctgaag	ggagcaagga	tggcctcagg	gcctggagaa	gtctgctact	180
ctgtccttac	tgctgaacat	cctgcttgta	tcaggaaact	cagaagcagt	ttgccttgtc	240
aaattcaatc	tcaatggcca	ttgtccacat	aactgatcac	ccatggctgc	ctctcctatt	300
atctattatc	actgaaactt	agtagcctgc	tttttttttt	taaagctatg	gcgaatcttc	360
cctgttgggg	atccttgaac	ctggtttgag	ttttccc			397

<210> 166

<211> 314

<212> DNA

<213> Homo sapiens

<400> 166

tccagtttaa	aggaacatgg	gccgggcgcg	gtggctcatg	cctgtaatct	cagcactttg	60
ggaggccgag	gagggaggac	cacctgactt	tagaagatga	agaacaacct	gtgcatcatg	120
ttgctgaacc	tgatctagaa	aatgggtgga	ccacagcctc	cggcttagaa	catgaaaaga	180
agtgtgcaga	cttaaccctt	acggactctt	tatgagtttg	ttccccctt	tggagacttc	240
ccctcgctgc	cttttctgcg	tattataccc	cccaacatct	tgggtgggtc	ccctcgctga	300
ccttaaaaat	taaa					314

<210> 167

<211> 396

<212> DNA

<213> Homo sapiens

<400> 167

cggcggagct	gtgagccggc	gactcgggtc	cctgaggtct	ggattctttc	tccgctactg	60
agacacggcg	ggtaggtcca	caggcagatc	caactgggag	ttgaagtgtg	agtgagagtg	120
aagaggaacc	agcaggcttc	cggagggttg	tgtggtcagt	gactcagagt	gagaaggccc	180
tcgaagtcgt	cgtccctctc	atgcggtgcc	acgcccattg	accttcttgt	ctcgtcacgg	240
ccataactag	ggaggaagga	gggccgagga	gtggaggggc	tcaggcgaag	ctgggggtgt	300
gttgggggta	tccgagtcct	agaagcacct	ggaaccccca	cagaagattc	tggactcccc	360
agacgggacc	aggagagggg	cggcatgagc	ggtatg			396

<210> 168

<211> 397

<212> DNA

<213> Homo sapiens

<400> 168

cgttgctgtc	gggcacgtgc	caccacgccc	ggccaatttt	tgtattctta	gtggagacgg	60
ggtttcgcta	tgttggtcag	gctggttttg	aactcctgat	ttccggtgat	ccaccaccct	120
cggccttcca	aagtgctggg	attacaggcg	tgagccaccg	cgctggcccg	gaaatcatgt	180
aatttaaaac	tatatatggg	tgtcttaggc	ggcatcggtc	ccaactctaa	agtacgcgtt	240
agacgggcct	gggccagaag	tgggccatgg	agacctcggg	acccgcaggg	ctgccgcccg	300
acccagcgag	cctctgaagg	tgcaccgcca	ccccactgt	ttatcttact	gcctcatagt	360
aggcacattg	tcgtttctca	tataattgca	cacagtt			397

<210> 169

<211> 183

<212> DNA

<213> Homo sapiens

<400> 169

ctgggtacggg	tccgataatc	ttcgtaatgg	tgccgggtgtg	cctcgcttat	taagttgatc	60
gcttgtggaa	ctatttcctt	gggagcgtgt	gcgaatcccc	tgcgtttttt	ttttgaatga	120
cgtccatttt	ttttcgtgaa	tgaagtgtcg	ttctttcttt	tcgttgtgct	gtttctcatg	180

gcg

183

<210> 170

<211> 389

<212> DNA

<213> Homo sapiens

<400> 170

cgttgctgtc	ggcagacaca	cacatgcaga	caacacgcag	acacacacat	gcaggcactc	60
acatgcaggc	ccatgcacac	acacgtgcac	acacatgcag	agacatgcag	acacgcaggc	120
acacatgcac	acatgcaaag	acacgcatgc	aggcacacgc	agacgcacac	agagacacac	180
atgcagatac	acatgcacac	acacatacac	acactggccc	ctgtttttct	gtggtgtcac	240
tgggtgccag	caactcggta	tctcccacct	cccactaaaa	cctgggcctt	aatttctctc	300
ccgtccccac	ccctaaattc	ctgatggatg	aacctagagc	tgtcctgtcc	actccaggcc	360
ggactgacgt	agcctatggg	cccagcagg				389

<210> 171

<211> 396

<212> DNA

<213> Homo sapiens

<400> 171

cgttgctgtc	ggcagacaca	cacatgcaga	caacacgcag	acacacacat	gcaggcactc	60
acatgcaggc	ccatgcacac	acacgtgcac	acacatgcag	agacatgcag	acacgcaggc	120
acacatgcac	acatgcaaag	acacgcatgc	aggcacacgc	agacgcacac	agagacacac	180
atgctgatac	acatgcacac	acacatacac	acactggccc	ctgtttttct	gtggtgtcac	240
tgggtgccag	caactcggta	tctcccacct	cccactaaaa	cctgggcctt	aatttctctc	300
ccgtccccac	ccctaaattg	ctgatggatg	aacctagagc	tgtcctgtgc	actccaggcc	360
ggactgacgt	agcctatggg	cccagcagg	ccagg			396

<210> 172

<211> 328

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(328)

<223> n = A,T,C or G

<400> 172

aaaccccgtc	tctactaaaa	atacaaaaaa	ttagccggggc	gcggtggcgg	gcgcctgtag	60
tcccagatac	tggggaggct	gaggcaggag	aatggcggtga	acccgggaag	cggagcttgc	120
agtgcgcca	gattgcgcca	ctgcagtccg	cagtcgggcc	tgggcgacag	agcgagactc	180
cgtctcnnnn	nanaaaaaaaa	aaaaaaaaaa	aagggggggg	ggttttttcc	ggaaacccca	240
actggaaaaa	aaccttgggg	ggggtgggca	aacccccctt	taaagggggg	gaaaaaaagg	300
gttttttttg	gaaaatttgg	ggccccta				328

<210> 173

<211> 358

<212> DNA

<213> Homo sapiens

<400> 173

gcaggttgta	cagaaagcca	actaaggatg	atcaaaaaact	ttcagatgat	cttgactggt	60
cagttgagg	ttgaaattaa	aaatctatat	gagcacctga	ctgtataatt	atgtaatttt	120
ttttccagta	atataaagag	ccaaggaaag	caggtgggta	ggtggatcca	agattgagaa	180

tttgttggtg	ggctgtgcct	gcaagtcaaa	gaactgtcct	tcaagccaag	agttctggag	240
gtcattcaat	gggaaggctg	aaggctcagat	gctttgttaa	gactgaagct	tggtcgggca	300
cagtggctca	cacttgtaat	cccagcactt	tgggaggctg	aggcagggtg	atcacttg	358

<210> 174

<211> 300

<212> DNA

<213> Homo sapiens

<400> 174

acaaggggaaac	tgggcaatgc	cttggtgaaa	ttcaaacact	agaattgata	cctgaagaga	60
cagaaaccct	aagcacacca	tgaaccacc	ggagaaagg	aaaacgggtt	gagagatcta	120
ctatcttgaa	aagtcaggcc	tggcgcggtg	gctcacgcct	gtaatcccag	cactttggga	180
ggcgaaggga	gaatggcgtg	aaccaggag	gtggagctta	cagtgaagccg	agatcacccc	240
actgcactcc	agcctgggca	gcagagtga	actccatctt	aaaaaaaaaa	aggaaaagaa	300

<210> 175

<211> 302

<212> DNA

<213> Homo sapiens

<400> 175

tagtagagac	ggggtttcac	tatgttgccc	aggctgctct	ccaactcctg	acttcatgtg	60
atctgcctgc	cttggcctcc	caaagtgcag	ggattacagg	cgtgagccac	tgtgcctggt	120
cttctcattt	gcttttattt	gtacatcaat	tttagcatgt	attgctatta	gccttagatc	180
ataagtaatt	acaattatgt	gtgtctatat	cattgcatag	ttgcatttgc	ctgtttctct	240
tacagattgt	ggcacactag	gcatttttat	ttcccataaa	tcctagcaca	gagacttgta	300
cg						302

<210> 176

<211> 325

<212> DNA

<213> Homo sapiens

<400> 176

ctctccttga	ctgtaaaggc	aatatcttag	agtactttgt	atctccagca	catagcaa	60
tgctttgcta	gagtaggttt	taacatatgt	ttttgggtaa	tggtggcgat	gatgcaataa	120
aggacagccg	ttattcaatt	tactctgtgg	cactaaggca	acttgaaaac	tctctgttgt	180
aacctgacat	agagctttgc	atatagtagg	aactcagcac	atgtttggta	gattttaagc	240
aattattttt	ttctgttttg	gattagtctg	ttctcacacc	gctgtgaaga	aatacccaag	300
actgggtaat	ttataaagaa	aagaa				325

<210> 177

<211> 353

<212> DNA

<213> Homo sapiens

<400> 177

atatcaaatg	gatgtgccgg	aaggcagggt	gcggcagagg	caagtcagat	cagcttctgc	60
cactactgat	tgtgtgactt	tgaacaaata	agcctgtttc	cttaatgta	aagaagaaat	120
accaatagtg	tccaggctcat	ggtggcgcca	tgataattaa	ataatatgtg	taaggctcca	180
ggcagtcctt	taccttactt	ttcctgacca	gtaggaaatg	ttcaataata	attaacggca	240
atctttctca	ctttgtcaca	atgattctta	tgaattatct	agatgagaag	gtagagctga	300
ggtcatcttt	cccagtgtga	cattcaaact	cttttcacaa	tacttagaga	cac	353

<210> 178

<211> 329

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(329)  
<223> n = A,T,C or G

<400> 178  
attgtgttct gaaaggaacc aaggttcccc agtaggetca attccaagta gctttcccc 60  
caccactctg tggctcttta ttatttagga ctgtgctttt taagctcccg ttttcttagg 120  
ggcattatca caccagagtt tcaactgctgt ccagagttaa cctctgcatg aatgtctcta 180  
ggctgattgc tctctgctga gtactaacga aggaaatcca acattcatgt tctactttgg 240  
gctttctgat gacacaggag cctggcttgt attcagtaca catatattga tgttatgtga 300  
cttgactagg ccataanaac gataaatan 329

<210> 179  
<211> 353  
<212> DNA  
<213> Homo sapiens

<400> 179  
ccgggttact catcccatcc tatgtcttct gaagtacccc tgcaatccct aatgcctaata 60  
ctctgtttgt ctggctgcct acggaatgag gacaagctga aagtctggcc tctcagtttt 120  
gtctcccact gcctgactac ttttctattc tcaaccacgt ccaccttcac atacccccag 180  
ttgtgagtcg gtcaggagga tgtttctggg caatgagatg tacaaccggg gacagtatta 240  
gcggagccat ggaagaaatg gaatttcacg cgtgaatatt ttgacaaaca tggccatgat 300  
ttaagaactg gcgggatttt tctgggcccc caggtgatat tatttggccc gaa 353

<210> 180  
<211> 356  
<212> DNA  
<213> Homo sapiens

<400> 180  
gaggaaaata cttttctcta gcatcgtagg aggaagaaaa caaacacatc agatattttc 60  
agcactaaaa gagatggttt tccccacata tatgtaaaag aaatttgcaa gactactgga 120  
ttttgatctc atggttgacg tgggtgaata ggtggccttt tgtgatctcc ttcacacccc 180  
tggaagttag acttcttcgg tttcttctag agtcagtttg gtatcagaat ggcaaagcaa 240  
cttaaccttc cagaaaatac agatgattgg acaaaagagg atgtaaatca gtgggttagaa 300  
agtcataaga ttgaccaaaa acacagggaa attttgactg aacaagacgt gaatgg 356

<210> 181  
<211> 352  
<212> DNA  
<213> Homo sapiens

<400> 181  
aattagttgg tgaggaacta attataaaga ctattccagg tgcttttaggg ttcagccaca 60  
acctatgata aggaatacct attataagtg ggtgcttgta atagatatta ccatattatc 120  
tatgcactca ctttaatact cattgttctg ggctccacct gatattatga tatgaatctt 180  
tttagctata ctctgatcca gaagatcaca tgattagcat caatttctaa ggacagtaat 240  
aaacttgata gttctgagca aatacataca ctacagaata gtcattcaac aaatatttat 300  
tgctgcctca ctatgtagtc tatatatacc tatatgtaac acacatgcaa ag 352

<210> 182  
<211> 384

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(384)  
<223> n = A,T,C or G

<400> 182  
cgttgctgtc gggggagtg atgctgctga attgtgatta attgggggag ccatataggt 60  
acatttgcca tgatctgggc ctatgcgggc ttacaatccc tgtataaaac tagacaatga 120  
aaaacagaaa acaaaacaaa caaacaacaa aacaagaacg aagcacctac cacatgccag 180  
ctactgaggg tatgaaggta ttctccggcc ttagaaagcc caggattaat gcaggattgc 240  
gatattttaa cagaacattt ccatacagca tgagtataaa tgactttccc aagtttacac 300  
tgagagtaac tgacacagca accccagcaa agtctgagct gagtccctgaa taattgtata 360  
aaaaggggag agaaacagag tgan 384

<210> 183  
<211> 328  
<212> DNA  
<213> Homo sapiens

<400> 183  
gaagcctccc caggcccaaa gactgggtta gagcttctcc ctccctgggtgc aatgcttcat 60  
taattacata accaagtcta ttatacacia agtgtaacct cccactagag tgggagttcc 120  
tcaagggact taagggtact atcttcgtta gcctagcacg gtgctcagaa aacggtaaga 180  
ataaaatagg tattttactac tcaggacata gtacagagtt attgtatatt tattgaactg 240  
aattgagctg tctagtttgc cctttaaaac cagggtgtttt agtatttgga aatatggaca 300  
atgatacctt tggtgttcc taaattca 328

<210> 184  
<211> 356  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(356)  
<223> n = A,T,C or G

<400> 184  
gtatatgatg ttatgttatg ttatgttatg ttatgttatt gttacagaat tctaaatggg 60  
gacatagaaa ttatttcctt tgagtatagt acatattgct gctaaataat agaacttgcc 120  
tgattgggtat ggggggtggg gtttgngaag tanngataag nnanaattat gggacattgt 180  
agaattttta ttgttttcaa attaatgcaa aataatgact agccctgtat tgttgagaca 240  
cagtccttta ggaggtttgc tttaatgaac agataagaat cactggtggg cggggcgcagc 300  
ggcttacggt tgtaatccca gctctttggg aggccgagtg gggcagaaca ccttga 356

<210> 185  
<211> 352  
<212> DNA  
<213> Homo sapiens

<400> 185  
gatcgcgcca ctgcactcca gcctggggcga cagagtgaga ctctgtctca acaccaccac 60  
caccaccaac aaattacttg tcggttgaag ccaccagtt tggttgaggc gccctaggaa 120  
acggaaaccc acaggtgtgt ttccctaggag actgtgagtt tcacgagctc catcctccct 180

cccctatgcc	agatggccaa	gtttttctgct	tggcgcatct	cctgagccta	gcaactgaggt	240
gtccctcagg	aactgtgcc	atagactagt	ctacagattg	tgaagtagaa	acaggtcccc	300
catgccaggc	gcggtggctc	acgcctgtaa	tcccagcact	ttgggaggcc	ga	352

<210> 186  
 <211> 356  
 <212> DNA  
 <213> Homo sapiens

<400> 186						
taatgaaaaa	agtgttttta	aattagcatt	ttcaatgggt	ttcagtctct	gttaagcact	60
gaccaagata	agatgaggtg	aggttgcagc	aaattaactt	gtattgcagg	cataacacag	120
aaaatctagg	cctaaagaaa	attagacact	gagaaaagta	gcggaactg	ggaaatactc	180
gtcttttgaa	aacactcctg	gtggggtaga	atttctggaa	tacttttgga	tgtttccttt	240
ctggttccaa	ggactagatt	aagtggcctc	tgagtgcagc	ggttgggggc	agagcctaaa	300
ccggggctgg	gtctatgtta	tctgtgtaca	agcagagcag	tggggtgagg	agaata	356

<210> 187  
 <211> 355  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(355)  
 <223> n = A,T,C or G

<400> 187						
ctggggttaa	gcggaaaatt	aaaaattcag	aacaaccata	gtctgttata	tgtcacctgt	60
aatttaggct	aatatctcaa	ttctcttggt	atggacattt	ctcttacagt	gtgtctttac	120
ataatgggta	ttggatgtaa	tgtgatcaat	taattagagc	atatgattta	cattagtcaa	180
acctgtattg	attacaaaat	gactatgatc	tgaaagtanc	cttgcggtgtg	tgtgtgtgtg	240
tgtgtgtgtg	cgtgtgtgtg	tgatataaga	ggagatcctg	ctttgtatgt	ggccaacttg	300
gggaggggga	tggaattttc	actatattac	tgcgacgtga	gcacacacct	acggt	355

<210> 188  
 <211> 358  
 <212> DNA  
 <213> Homo sapiens

<400> 188						
ttctcctgac	tcagcctccc	gagtagctgg	gactataggc	acccaccatc	acgcctggct	60
aatttttttt	tttttgaatt	tttaagaaaa	aaggggggtt	caccgggtta	cccaggaggg	120
tctaaatccc	ctgacctcat	gatccaccct	ctttagcctc	ccaaactgcg	gggattacag	180
gggggagcca	ccgggcctgg	cccaccagga	gctatttcat	agggctctgg	gggcccgggg	240
gttttttgga	aaggggggtt	ctttgattta	cttgaaaaat	ctcacccttc	aaagcggggg	300
ttaaaaacca	ccccactgga	attggaaaaa	attttttgaa	gggccttttc	gaaccctc	358

<210> 189  
 <211> 301  
 <212> DNA  
 <213> Homo sapiens

<400> 189						
acaagggaac	tgggcaatgc	cttgggtgaa	ttcaaact	agaattgata	cctgaagaga	60
cagaaaccct	aagcacacca	tgaaaccacc	ggagaaaggg	aaaacgggtt	gagagatcta	120
ctattttgaa	aagtcaggcc	tggcgcggtg	gtcacgcct	gtaatcccag	cactttggga	180

ggcgaaagga gaatggcgtg aacccatgag gtggagctta cagggagccg agatcacccc	240
actgcactcc aacctgggca gcagagttag actccatctc acaaaaaaaaa agaaaagaaa	300
g	301

<210> 190  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<400> 190	
cgttgctgtc gctgaagga gcaaggatgg cctcagggcc tgggaagtc tgctactctg	60
tccttactgc tgaacatcct gcttgatca ggaaactcag aagcagtttg ccttgatcaa	120
ttcaatctca atggccattg tccacataac tgatcaccca tggctgcctc tctattatc	180
tattatcact gaaacttaat agcctgcttt tttttttttt tttttaaaag ctatggggat	240
tctccctgt ggggaaccct tgaccggat tgggggttcc cctcctttgg gaaaattata	300
atccaaaagc cttttttttt tgtttaaatt acggaggggc atcccctaaa ggagtcgcct	360
ggccctcggg gggaataaca aaggaa	386

<210> 191  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(386)  
 <223> n = A,T,C or G

<400> 191	
cgttgctgtc gaaattgtat ggagaatggt atttaaaaag tgtttggaga ctttgcagct	60
gtcctataaa atgttgaagt gtgtatgtga tctacgtaga aagaatatta aagagtaggt	120
ggagctcttt ataggcgagt acagccttaa atatgcttgt atagcatcca ctgncagaag	180
taatagtgt gcctcagact tgggggttgc atgtgcacct gggggagtta ctacccttg	240
tatgcatgag cgggtcctat tagcatcagg ggggaactcaa tactgtgtac gtatccacaa	300
aagggatctt gacaccacaa ggtattctta atttctgata ttaacaaccg tacatactgc	360
tggaaactaa actaagaaca ttagg	386

<210> 192  
 <211> 356  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(356)  
 <223> n = A,T,C or G

<400> 192	
aaagggtcaag ctgtgctatc actgttacct tagttttggg cttattggat gtgtccatag	60
tgaagccaac tccaggcctg acaccaggt ttgactcgag ggtcttcag atccctgggc	120
tgtgcactcc tgccacagga gagcggtttt ataacaaaag ctggcagggt gcagtgactc	180
acacctgtaa tcccagcact ttgggagggt gagcggttg atcacctgag gtcaggagtt	240
tcagaccagc ctgaccaaca tgggtgaaacc ctgtctctac taaaaataca aaaattagct	300
gggcatgttg gtgggtgcca gtaatcccag ctactcggga gggaggctga ggcaan	356

<210> 193  
 <211> 357



<212> DNA  
<213> Homo sapiens

<400> 193  
tgtcacccaa gctggagtgc aatgggtgcga tctcagctca ctgcaacgtc tgcctcccag 60  
gttcaagcga ttctgaggag gggaggagga ggggaagcaag gagagaggaa cgcagggagc 120  
agagcctgac ctgggtcacgg ggggtctggga aagacagagg cttttgttag agccggcagc 180  
tgagggccga ggccgagcag ggggttaggcc agcacaggac gaaaagggaag aaagtccag 240  
gtggagtctg gtggagaaaag accgacctgg aaggcaccag catgtgcacg tggcaactga 300  
ggtcgaggac gtgcctgaga aagaggagga aggtgccttg cggaccgggt aggggtgc 357

<210> 194  
<211> 357  
<212> DNA  
<213> Homo sapiens

<400> 194  
ttgaacctgg gaggtggagg ttgcggtgag ccaaaatcac accactgcac tccagcctgg 60  
gtgacagagc aagacttcgt acaaaaaaaaa aaaacctaga aggttaaaat ttttgttatt 120  
ttgacccaaa gggaaaaaac tagtttttag ggtgggcgct gcctgtgaaa actgcttttc 180  
ttaaaaggcc aagttttcca cactgttgaa ctttgacttg ccaaacatgt cagcaggtct 240  
ttcagctttc agggaaaaag gaaggggagt tccttgcca gttgcctttt tgtctgttta 300  
ccaaaggctc gggatttaac ccagtttttt gcaggccaca ggagacagcc ggttgtg 357

<210> 195  
<211> 357  
<212> DNA  
<213> Homo sapiens

<400> 195  
aggtgcccgt gtgtgtctac agagaggcca agcctggaac aggcgcctgt gtgtgtacag 60  
aggcagctgg aaaccaagtt acgtgaaagc ctccaccagt taccctgggg ctcttgcca 120  
gacgaggttt ctgcagggag gacagactga agctcaaag ggcagtagtg aaggcggctc 180  
ccattgcggc caggctcagg ccaccgcccc gcaggaggga aggtgctgga agcttacgtg 240  
cccgtggaca ctggaggctt atgcacctgg accccagtg catccaggtc ttctctgtgg 300  
gccaaagggtg aaagaggctt cttgaaggct gagggagtcc cagtgcaggc ctgagac 357

<210> 196  
<211> 357  
<212> DNA  
<213> Homo sapiens

<400> 196  
atactactct tgaaattatc ttctaataca gttgatacat taggctatct gggaataata 60  
tgaagatact tgatttaatt ccaaaaaaag cacaattggg tgactcaca ttctgggtact 120  
ttagttaaac ggtttttgtt ttatcttggc ctgatgagat accataattt acacgaatat 180  
tatctaaact aaacttttta atccagtata ttagtgcgaa ctattctttt tttttttttt 240  
gggatggggg cttgcttttg acctccagct ggggtgggcag gggcgtattt tggcctattg 300  
tgcgcccccc cctccggggt aaaagaaatt ttccgcccct aacccccgaa gaaacgg 357

<210> 197  
<211> 352  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature

<222> (1)...(352)

<223> n = A,T,C or G

<400> 197

aaaatgaaat	ctctcagaac	ctgatgggtat	ttggatagca	tatacccacc	agaggaacag	60
gcttttatct	agcataccac	aggtctcccc	tttagcacat	ctgtgctcat	tttgaaactg	120
tatagggaag	gacattagat	ggctgggaga	actctgaagg	acagacctgg	atctcctgcc	180
atcttccaaa	ggtgaaacaa	caaaaatccg	ccaggctttc	agtcagaagc	ccggaagggc	240
cactcccaag	gaacagaggc	aagagcagaa	gtagatggag	tcttactgaa	actgaaaccc	300
agctcaattc	ctaatagggt	gaagatatga	ttacctcaat	gcagtctgct	tn	352

<210> 198

<211> 353

<212> DNA

<213> Homo sapiens

<400> 198

gaggaagagg	ctggggaccg	cggcgaaggt	ggtgagtgt	cttgggcgcc	ttctcccaac	60
gtccctgcc	gactcgcctc	cgggctgatt	ctccagttgg	tttcttgac	tccagagtag	120
ctgtccggcc	tggcccccga	ggtgcaaagt	aagaaaattg	aagtcaaaga	ccatgggaga	180
tacagcaaaa	ccttatttcg	tgaagcgcac	taaagaccgg	ggggctatgg	atgatgatga	240
cttcagaagg	ggtcaccccc	aacaagatta	tttaataata	gatgaccatg	ctaaaggcca	300
tggcagtaaa	atggaaaagg	gccttcaaaa	aaagaagata	acaccaggga	act	353

<210> 199

<211> 353

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(353)

<223> n = A,T,C or G

<400> 199

atagaagaaa	ctaattaaga	gatggaaatt	cttgatttct	tgttgaaata	ttataccaat	60
ttcctttttt	tccttgatat	atgcaaaacc	aagcctcatc	tcgagtatgg	ctaatttaat	120
caatagtggg	tatttcttta	tccaacatgt	tcttaaaaaat	aatatacttg	catgaccaca	180
tgcacagaat	atgtgggatc	aaatttcaat	tcaatacagt	ctcagagtaa	gtataacaga	240
aaacctgttc	cttgacctat	aaggtattga	atagggatta	gtatctaaac	ttttgtagtt	300
tgaaagactc	anacataagt	tcgccaatc	aacaaagata	tatgattcca	tac	353

<210> 200

<211> 329

<212> DNA

<213> Homo sapiens

<400> 200

atcacttgaa	acaagaaaac	ggagggtcta	gtgtgccaaa	agaacaccgt	tgcactccag	60
cctggggcaac	aagaacgaag	ctccatcgct	tagaaaaatc	caaaaagaaa	aaaaaacggg	120
gggggttttc	tccccccctc	ccggaggatg	cgaagaacaa	ggttggtttt	tgtaaagcac	180
aaaaaaaaacg	cgggggaaaa	aatggacctt	ttttaaaaaac	cgtggaacgt	ttttgtcttt	240
ttcgaggcct	ttttttctgg	gttaaaagat	ggggaaaagc	cggggggggt	ttttttattt	300
tttcggtccg	gggggggggg	ccagactat				329

<210> 201

<211> 385

<212> DNA  
 <213> Homo sapiens

<400> 201  
 cgctgctgtc gggttattatg gataaactat tattgttaat tccgggcaag ccacttgcc 60  
 ttctaggcct gcttctttgt tcattaagcg gggagcacgg ttcttgtag gattacatgg 120  
 gagtgatgag tataaaggag actgcaaacc ctatccagag ccatacacctt gggagtgtca 180  
 ccgtggtaat cagagtccgt tttcctaca ggagctccat ccacaactgc tctgcagggg 240  
 acaatgggtg ccttcattcc ccacaggggt ccctaccctc tccatcgata cacactaaca 300  
 tatgggaaat gaaggccac cctgccgggc tttcatactc tagaatgcgt gaatttttgc 360  
 tcttggcagc ccattaaaag ggcta 385

<210> 202  
 <211> 355  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(355)  
 <223> n = A,T,C or G

<400> 202  
 ttggtcagcg atgctgggtga gatgtaacct cagaaaagca agattaagtt atagctatcc 60  
 cacagggcac cttcatgcaa ttagaagaaa gtgtccctcc agaagatgca gccccctcca 120  
 agggccatgt cttggcaaat tcatacagccc ttgtataaat tagaaaaagt caacttcctc 180  
 ggatagatgc agccccagag gtatatgggt ttgtgaagag ccagatttca gcaccaactg 240  
 gcctacagaa ctatatgcgg tggccctgggt tgtttttttg ttaccagata catagcaact 300  
 tatcttgtgt actttgtcgg ctctctgtag tgaacatgg gattttattcc taatn 355

<210> 203  
 <211> 353  
 <212> DNA  
 <213> Homo sapiens

<400> 203  
 acacggaggg gtcacctgcc ccagcgcccc acggtttcca gccttggcct gtcctctttc 60  
 acctggccca cgggtgatgc gtgctgtgct ggctttctg cagggtacag tgcggtcagg 120  
 ggactgctgg gggctgtcag agccccagcc ctttgcctca taccagggca gccgtttcca 180  
 gtctgagggg tttttgcgac tgatcctggc tgggacttgc ttcttactag gagaagcaag 240  
 agatccaagt ctttcagtca gacgtgtctc tcagacatca gaggggcagg aactgaatg 300  
 cacatgtggg ttctgagggc tcctttctct ttgaaatcct gcaacaatta acg 353

<210> 204  
 <211> 385  
 <212> DNA  
 <213> Homo sapiens

<400> 204  
 cgttgctgtc ggtgtatttc attggaaatt gatgacttga aaaaaattac caattcactg 60  
 actgtgcttt gcagtgaata acagaagcaa gaaaagcaaa gcaaagccaa aaagaagaag 120  
 aaaggtgtgg ttcttgaggg gggattaaaa gccaccatga aagatgatct ggcagattat 180  
 ggtgggtatg atggaggata tgtacaagac tatgaagact tcatgtgaca ttttatcttt 240  
 tcttggtgtc atctttatgt tgcccacaat cccttgaaca tgtagacaaa cttcctttcc 300  
 tttcagttct gccaaatgct acaatcagaa gtgcagtatc ttttgtgctg gttatttaac 360  
 cccttgacac ttagggtgcta atgtg 385

<210> 205  
 <211> 387  
 <212> DNA  
 <213> Homo sapiens

<400> 205  
 cgttgctgtc ggtgtatttc attggaaatt gatgacttga aaaaaattac caattcactg 60  
 actgtgcttt gcagtgaaaa acagaagcac gaaaagcaaa gcaaagccaa aaagaagaag 120  
 aaagggtgtg ttccctggagg gggattaaaa gccaccatga aagatgatct ggcagattat 180  
 ggtgggttatg atggaggata tgtacaagac tatgaagact tcatgtgaca ttttatcttt 240  
 tcttgggtggc atctttatgt tgcccacaat cccttgaaca tgtagcacia cttcctttcc 300  
 tttcagttct gccacatgct acaatcagaa gtgcagaatc ttttgtgctg gttatttaac 360  
 cccttgacac ttaggtgcta atgtgca 387

<210> 206  
 <211> 380  
 <212> DNA  
 <213> Homo sapiens

<400> 206  
 cgttgctgtc gctggatagt agttgttctt caggcacttg gaggccttgt aatagctgct 60  
 gttattaagt atgcagataa tattttaaaa ggatttgcaa cctctttatc gataatatta 120  
 tcaacattga tctcctatct ttggcttcaa gattttgtgc caaccagtgt ctttttcctt 180  
 ggagccatcc ttgtaataac agctactttt ttgtatggtt atgatcccaa acctgcagga 240  
 aatcccacta aagcatagtt gtatactatc ttttaactgg ttttcacgat ggggcactag 300  
 gaatctcgac attaactctg cacagaggac ttctacagag tctgagaaga tatcatcatg 360  
 ctgaatctga tcatactgtt 380

<210> 207  
 <211> 344  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(344)  
 <223> n = A,T,C or G

<400> 207  
 gatagtgaat atattctctt actcaagagc ttaaaaatta gctattttat aaaaattgtg 60  
 tacatgtgga ttacaaaacc tgttttcctt gttaaagaca gagcggctct gattttctta 120  
 atgtctaagg tcattactct agaaatacac cctatggtgt ccttgaggaa accatggcta 180  
 tggcttttgt aactgggtta caaaatcagc tcacgccgag tgcgatataa aagtcaacag 240  
 gctctgagtg aggaataaga gctctactct aggtaaaatg cttgaatttt ctgttctgga 300  
 tggctcanga gactttttga gggggatctc agtgacattt tgga 344

<210> 208  
 <211> 349  
 <212> DNA  
 <213> Homo sapiens

<400> 208  
 tttgtgatct gtcattgtca tggatattca gagttggagg atggtctgag ttctgacctg 60  
 gtgtaggaat cccttctccc aaaactctaa cagtacattc tcaggcttcg tgagctcagg 120  
 cttaagacac attattttct gatgctggac agcttcttta aaaaaatgta gtttcttaca 180  
 ttaagctaaa atttatttta tgaaagtcca agaattctgg tccaaattgg gatgaggcct 240  
 atggtgcagg acttccgtga aattttatga gattacaaat gcaaaacact tagaacagtt 300

tctggcctat tgccagaatt caataattga ataaaggcag gcagaaata 349

<210> 209  
<211> 346  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(346)  
<223> n = A,T,C or G

<400> 209  
cctgggtctca aagtctcagc ctcaatcaat cctcccacct cagccttctg agtttctgga 60  
attacaggca tgagccacca cgcccagcta aatgactgct tttgaaccat acttttcttc 120  
tgctttttcc ttatcaactg actttgttta ataaatcctt gtctttaagg tcacagactt 180  
tattgtaatt tgtgggttag catggagggtg gggcaagagg tcccgtttct ccaccaggta 240  
accaggccat gctgagaata cttccctcag acatttcctt aagcatgttt tgggaagggt 300  
atacttccac actggaatta tataagtgga attgaataaa acccan 346

<210> 210  
<211> 345  
<212> DNA  
<213> Homo sapiens

<400> 210  
ctaattacgg ctaatcacag tagaaaataa aacttgattc cctttcctgc atggcttgag 60  
catgaaatag gagaaggggac aagacaacct cgggtattg tttctaattc tttaaaaagt 120  
tgtacttgca gccaggcacg gcggtcact cctgtaatcc tagcactttg ggaggctgag 180  
gcaggcggat tgcttgagct caggagtctg agaccagcct gcgcaacatg gtgaaacgcc 240  
gtctctacta aaaacacaaa aaattagcca ggaatggcag tgtgcacctg tagtcccagc 300  
tactcgggag actgaagcag gagaattgct tgaaccacag aggca 345

<210> 211  
<211> 347  
<212> DNA  
<213> Homo sapiens

<400> 211  
ggcgacagag cgagactcca acttaaaaaa ataaataaag aaaaacagga tgcattccagc 60  
ttgtctcaca cactctaccc tgggtttata tttattatcc acgaggaaac atccaaaatc 120  
aggggtcaga gtcattggtc ccacacttgt ccatgacgag atgggccagt ccacatcaca 180  
ggcacaggta ggagacccca acacagtgtc cactgttcac attctaaagg tgactgtcgg 240  
ccaggcacgg tggttcacgt ctgtcatccc agcaatttgg gaggccgagg cgagcagatc 300  
atccaaggtc aggagttcga gaccagcctg gccaacacgg tgaaacc 347

<210> 212  
<211> 351  
<212> DNA  
<213> Homo sapiens

<400> 212  
atgtgtacac aatcttccag catataccaa tagctgaatt tgtaagatat tatatagtat 60  
ttgcatgtgt atagctcttt ctcatcttc tgtgtacaac tgaaatattt ttttcatgtc 120  
ctagtaaaac cctaaattga gaattacgga ctactaaat gttagaccag ctagtcatctt 180  
agaaaacagt gcatgtgatt tgtttaaggg gcaggaaagta ttagggtgtca acaattcaaa 240  
tcactttgtg tctttttttt ttgaaacgga tgctacttcc ttaaccctgc ttgggggggc 300

agcaccctaaa tagcactttt tgtacgggga aataagtact tagcgaggca c 351

<210> 213  
<211> 348  
<212> DNA  
<213> Homo sapiens

<400> 213  
ttgtatatatt tagatgcctc tttaaaaata aatttacatg atgagaccct gtctctaaaa 60  
aataaaaaata aataaaaataa aaataagcta ttttaaaagt tagttattta aattgaagaa 120  
tgtggacaag atataactaac agtttctcta ggactgatca cccattattc catgaataat 180  
agaaattttct gataaggatg ttgcttaatg gagattttcc tatgttatct ctgcggttct 240  
agtgggtggc aaaggcagct atccgggtag ggcactgtaa aggtgtggcc ttagtcattt 300  
acactaggac aataagagac cctccacaag tgtgtaactg gataaagg 348

<210> 214  
<211> 129  
<212> DNA  
<213> Homo sapiens

<400> 214  
cggggacggg ttcgggcata cgcatttag ggagctttgc aaaaatagca taatatggga 60  
attgtgagat gctactgcat aaattgtcgc ctatctaaat tgaacataac gtgccacact 120  
cgactatac 129

<210> 215  
<211> 373  
<212> DNA  
<213> Homo sapiens

<400> 215  
tacggcctgt tatattacga cagaagggca cagctccacg gacttagagc agataaggta 60  
attgctgctc caacagccca gcctcgtccc cagctcagag tctagtatgt tagaaactgg 120  
actgcctcct cccccacat cctcccctag tagcttcagg agggggacag ctccactgct 180  
gtcccatgc agatggtgca gtgcacataa aagggtgggct gcaggccaag cgtgggtggct 240  
cacgtctgta atcccagcac tttgggaggc caaggcagga ggatcacttg aggtcaggag 300  
ttcaagacca gcctggccag catggtgaaa tcccactctc actaaaaatg caaataaagg 360  
ccggggcgcg tgg 373

<210> 216  
<211> 372  
<212> DNA  
<213> Homo sapiens

<400> 216  
cgttgctgtc gaaaaaatct ttctaaacaa caaataccta acattattac tgattgtttt 60  
cctaatttat cctcctaagt tgaatggtaa caaagctttt ccagctgaat gaatgcactt 120  
agctgataaa ccagaatttg ttcttttttt tccttctttt ttttttgaaa cagggttctca 180  
ctctgtcacc gaggttggag ggcaggggaa tgataatagc tgactgcagc ctcaaccttc 240  
tgggctcaaa ggatcctttc acctcagcct cctgagtagc tgggaccaca gggggggggc 300  
accacaccgg gctaatttta agggattttt tttccttttt ttttttacc atgggtgccc 360  
gggtggactt gg 372

<210> 217  
<211> 347  
<212> DNA  
<213> Homo sapiens

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<400> 217
agtgactagt acaagaagcg aatgctcctt tcctctagtg gacatgagaa aactatccaa      60
aactgcagtc acctgggtgtt ccagctgggtt gcgctatctg ccgcttgcca gatgcataaa    120
gctaccagga gattagttgg tgggactggg aggaaatagg ggaaattatg gtttaggtgt      180
tcatgatctc tctgtgggaa aatgaggggtt atttttccca ctgtcaaagc cccaaaggaa    240
ttttaacaat ctttttctta ctgcaccccc attgtctttt tgtttcaaaa ggccaattta    300
ttttctcatt attactactt attggctcgg tgcgaggtag actttcc                    347

```

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<210> 218
<211> 351
<212> DNA
<213> Homo sapiens

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<400> 218
tgggggtgggt gacaaaagct ttgggcaagg atgtggaaca aatcttattt taatttggct      60
taattgactt aactacaaaag cccatcattt acttgaagca caaactataa ctctgatgtt    120
ttctccattt taaaattata aatgcattaa ttaaaaataa ttaaagagca aatcattaat    180
agcaaactac cataacttga tactttttta cattaatact taatagggtt aatatctagc    240
agggcggggg aaggcacagg gataatataa ttatgtctgc tctgagcaag ggagtgacaa    300
taggtgtacc actgacttgt aatacagcag ctacaccagc tcttgaatgt a                    351

```

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<210> 219
<211> 317
<212> DNA
<213> Homo sapiens

```

```

<400> 219
gctggctggg cggccccaca gacaggcaga gccaagcact cccctctcag gcactctgcc      60
gcaggctgga cagacagatc agctgggcta gggcgtattg tcccctggca gacagacaaa    120
tctgcagctc ctgagtgggt tttgccccag cctggggacc tcttgtttcc tagcaacatt    180
cttaattcag agcgggcacg gtggctcatg cctgtaatcc cagcacttta ggagggcaag    240
acaggaggat ggcttgagcc caggagtcca agaccagcct gggcaacatg gtgagccctc    300
atctctacaa ataaatt                    317

```

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<210> 220
<211> 324
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(324)
<223> n = A,T,C or G

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<400> 220
tagggtgtaa atgcctggat gctatagatt ccaatttaac tatgaaaaga actgactcat      60
tcattttacat ttctgttaca gacagcccag gaggttacag tgagctcttc actaagaatc    120
tggacgaaat gcatcactag gggttgattc ccaatctgat caactgataa tgggtgagag    180
agcaggtaag agccaaagtc acccttagtg aaagggttaa aaccagagcc tggaaaccaa    240
gatgattgat ttgacaaggt attttagtct agttttatat gaacggttgt atcagggttaa    300
ccaactcgat ttgngatgaa tctt                    324

```

```

<210> 221
<211> 351
<212> DNA
<213> Homo sapiens

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<400> 221  
 gttcaccatg ttgggtcaggc tggctcttgaa ctcttgactt caggtgatcc acccgtcttg 60  
 gcctcccaaa gtgctgggat tacaggcgtg agcccaccgc gcctggcttc ggaattgcat 120  
 cttaatctct gtggcggctg ctatcttctt ttctaagttc atgagcacag gtggctgcct 180  
 ctatcttctt cctccactta agcaggaaca attcaggagg cagactccac ccaatgctgc 240  
 aaatcggccc tattatcatt gaccctgaca gaatttcagg agtgtcaggc cactccatac 300  
 tgcaaacagt acaggttgct tataatcgcc aggaggaaag aaaatatcca g 351

<210> 222  
 <211> 378  
 <212> DNA  
 <213> Homo sapiens

<400> 222  
 tacggctgct taagacgact taaggggggaa tgacgcagcg gctcttagag gaacatatgg 60  
 aaaacaccca agccggagtc tctcacaagc ttgaatgtgt gttctggagc tgaaggatgc 120  
 acggttggtta agcccctggt cttttccggt gttaaatcta atgttctttg gaataaaaaac 180  
 ctccctgcc aagtagtactt gggtttatgc tcaacatgct ttgactgttg aaaagagacc 240  
 tttggcacac attgaaggga tggatgatgga gatgccaatc catggaatca ggtggcgag 300  
 ctatgttggg agctatagca gaagtcttct tggcaaagat tcctcccggt aaggaaggta 360  
 ccattggaga accatgcg 378

<210> 223  
 <211> 347  
 <212> DNA  
 <213> Homo sapiens

<400> 223  
 tgcgtttttt tttacatgtg tgtattttgc ttattttatg catgtatttt aaaatagcaa 60  
 gttgactttt ttgcctctgg agttccacag aaccagggtta atgctgggac atggaatact 120  
 aacaaggaga aacagcttcc tgtttaagaa caattcccat gttttttttt tataggagaa 180  
 aattgagagc tgtttggggg ctgccatact ttacatttac tttactctac atttaattgtt 240  
 ttggtctcca agtaagaag agtttcatta gatgtagcaa aaacaaaaca tattttttatt 300  
 cttcagagct ttcaatgatg aaagaacgaa ccttgaagat gaaaagg 347

<210> 224  
 <211> 349  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(349)  
 <223> n = A,T,C or G

<400> 224  
 aggtacgggg gcgagagaga caacanaagg ggagcacact gaacaaatga tgtgagaatc 60  
 tcttcagttc caaccaagtg gcgggaacca gctaagagtt gggactgct gaggaaaatt 120  
 gatgggcagt tggtaaaata ggtgtgaatg agagaaagct ttgttgggga accatggtgg 180  
 gtatgtgggc acgttctaca ttactacaag tattgggaat ttcccagggg aacagcaaaa 240  
 tcttggctta tttatgttta attttaaaaa attccactg ggtgcagtgg ctacgcctg 300  
 taatcccagc actttgggag gctgaggcag gcagatcacg aggtcaggg 349

<210> 225  
 <211> 344  
 <212> DNA



<213> Homo sapiens

<400> 225

ggagatgctt	ttccttctgc	atgttaactc	acaactcatt	cctaatacatg	gaggctctaa	60
tccaactgac	taaaatgctt	ttctccccac	ggaactaacg	tagttacttg	agagaagaga	120
gtaaaccagc	ttctcctgcg	tggcacaggg	ctatttttca	ttatagggaa	acggacttct	180
ataagggcat	ttaccacatc	ccaagggcta	atttctcatt	taaaaaatag	gggcggtcgc	240
ggtggctctt	gcttttaatc	ctaatacatt	gtttttttta	tgccggaggc	tcaggaacta	300
aagtggaaca	aaaacaatcc	ccctttcaat	atagaaatct	ttag		344

<210> 226

<211> 346

<212> DNA

<213> Homo sapiens

<400> 226

tacaggctga	gagcagaggg	tgaagtaagg	ggagttctaa	tctttgggtc	agttgccctc	60
tcctgtgtgc	atttcttatg	aaatagaagt	tatgctattc	ccaaaataca	tacagcacta	120
ggcaaagtgt	taagaagcct	agattttgcc	agaaacccatg	tggagtttgg	agcaagtcac	180
ttctactaac	tagggcttcc	tccttagctt	ataaaatgga	aggggtagac	cagatgaaca	240
tgaggtcttt	tttctcccc	ctctaagagt	aaattgtctc	aacaatttta	caaggtgttt	300
acaaaacaat	acacattcac	ataaaggtga	tgtatttata	tctata		346

<210> 227

<211> 317

<212> DNA

<213> Homo sapiens

<400> 227

gagcagactg	aacaaatgat	gtgagaatct	cttcagttcc	aaccaagtgg	cggaaccag	60
ctaagagtgt	ggtactgctg	aggaaaattg	atgggcagtt	ggtaaaatag	gtgtgaatga	120
gagaaagctt	tgttggggaa	ccatgggtggg	tatgtgggca	cgttctacat	tactacaagt	180
attgggaatt	tcacagggga	acagcaaaat	cttgtcttat	ttatgtttaa	ttttaaaaaa	240
ttcccaactg	gtgcagtggc	tcacgcctgt	aatcccgaca	ctttgggagg	ctgaggcagg	300
cagatcacga	ggtcagg					317

<210> 228

<211> 351

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(351)

<223> n = A,T,C or G

<400> 228

aagggtttct	ttttctccct	ttttttcttt	ctattgttat	tattttttta	ctgagggttt	60
tgtagctttt	taatcttgtg	gaactcagaa	actcccatata	atacggtttc	atagaaaata	120
gtcgtacaaa	tttgtctttg	catcttctct	gcagaagccc	ctttgccaga	tgaattcaca	180
gagtgttttc	ttttggaatc	cttaggctag	gcttacttat	ttgtgatatt	tgagtatgag	240
tttgntttcc	cactagtata	ttacaacttt	gagggccagg	agctgtttta	tgaatctttg	300
agggccctta	tctcataact	gcgcgggttc	tttattttga	tggcacattt	g	351

<210> 229

<211> 346

<212> DNA

<213> Homo sapiens

<400> 229

ttaacacagt	gaaaccccg	ctctactaaa	aatacaaaaa	attagccagg	tgtggtggtg	60
ggcgctgta	gtcccagcta	cttgggagge	tgaggcagga	gaatggcg	aacctgggag	120
gcgagcttg	cagtgagccg	agattgcgcc	actgcactcc	agcctgggtg	acagagcaag	180
agtcggtctc	aaaacaaaac	aaaacaaaaa	agaaaaaaga	aaccaccacc	aaccaacca	240
acaaaaccca	aaaacccaa	agtaacggag	gtggccgagg	gagctgggga	tggggaggga	300
gtccaaacac	ctgggagcta	gaagtttctg	aaaactgtaa	gtcttt		346

<210> 230

<211> 347

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(347)

<223> n = A,T,C or G

<400> 230

tgtgtgtgtg	tgtgtgtgtg	tccaagggg	tgtgtgggtg	tgtgtgtgtc	ccaaggtgtg	60
tgtgtgtccc	aatggcagcc	tcagggtaaa	ctgagcaaa	aatgaatttt	gacattgctt	120
gggagagcag	aaaaggttct	atgatgagga	tgcaggtctc	agacattcca	gcataggaca	180
gatgagccaa	ccttaagtcc	cagacagagt	ggaggagagt	ctattcccgc	ccctaccctg	240
aggctgattg	tcccagttcc	agaagggact	cccaggaaaa	tccagcctgg	agaggctgcg	300
cccggagcaa	ttaataacag	gacaaggcca	gcgagtgggt	ttgcttn		347

<210> 231

<211> 238

<212> DNA

<213> Homo sapiens

<400> 231

aacatcactg	gctcccat	ctctgacata	ctaccaacat	ctgttcagtt	ctaccactta	60
cattacataa	aaaccacta	gttcccaagt	tttgaatgta	catatgcata	caggcacaca	120
tgctcgacac	catatatata	catgcacaca	cacatatata	caatattata	caattgttta	180
gggattttaa	aagcattccc	tggccaggca	tggtggctcg	gcctgtaatc	ccagcact	238

<210> 232

<211> 376

<212> DNA

<213> Homo sapiens

<400> 232

tactacggtt	gcgacatgac	aacagacagt	ggtattctct	tacggacgac	aggtgccctg	60
ccgcgccaac	aacgctgtat	cacctggagc	tgtgataccg	ccgatttatc	tgcgcgccgc	120
atagcctgcc	gtccacgggg	tgtcagcgag	attggaatat	atTTTTTgca	cctcgcggac	180
ggcttgggag	agtgaagatt	atcagcttta	tctttccaaa	tggagacaag	tatgtttttc	240
tcctctgttt	agatggtgac	tgtacaagaa	catcttctgg	aatctacgag	agaaatggaa	300
taggtattca	taccactcct	aatgggattg	tctacacagg	aagcggaaag	atgacaagat	360
gaatggtttt	ggaaga					376

<210> 233

<211> 345

<212> DNA

<213> Homo sapiens

<400> 233  
gagtcccca gtggccatgt tacatgtgat ctgtgacata tacgatcaga tgttacctgc 60  
atcctagggt cgcttggcat gcccatgagt gacgcttagg accgtgcctg gtgctgggtgt 120  
gtggacaatg ctggggccagt ttgcccagggt ctatgcctgc cacctctact tttatttcac 180  
cctctggagg cggacgcatt ggaaagcatg tggggcagga ggtgaggaag gaaattcaga 240  
caagctgagc agagcggcca ggactggaat cttgggtgcc aaccgcaag gtggggaaac 300  
tgatttccat ttcccagtaa ttacaggtca ataccacacc tgaag 345

<210> 234  
<211> 291  
<212> DNA  
<213> Homo sapiens

<400> 234  
tacggctccg agacgaccac agaagggagc ctgggtgaca gcgagactct atctcaaaaa 60  
aaaaacagat ttctctccta tgagagtttc tggccttga tgcctgactt tcctcttctg 120  
aaacatcaag ggctttttaa gagggatgga gctgactgcc tggttctgag gcatgaacga 180  
cactggtagg tgagagcaag atggtacaga ggagttcaaa tttgggtcca ccatcctggg 240  
ctccgctgca tagtgtagg cagtcactga gctggttcct tcccaccaca t 291

<210> 235  
<211> 351  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(351)  
<223> n = A,T,C or G

<400> 235  
tttctcttgg cctaatatcc tggctagatt ttggcagttc cccactctag gggcaatgtc 60  
tttccagcct gcacctctga ctccatagctg gatggatgac ttcaggatac acaatagaat 120  
cattcctgtg acttatctgc ccacagtcct aaattcagtt gcaaacttct cctgaaaggc 180  
tgtttttgaa taatgacagt gactggactc accttgcctc tctgcatact attaatccc 240  
ctgccagtca atctcccttt ttttggtcaa agtatagttg tatgtatatc gatctctggc 300  
ttagtcccat ctctttcttt cctccacca gntctgtcat taaatgtaga g 351

<210> 236  
<211> 371  
<212> DNA  
<213> Homo sapiens

<400> 236  
ctacgcttgc gatgagacaa cacaacggac tgtcacacac gcacacacac acacacacgc 60  
acacagtcct ttaccctctg cttagagttc ccctctcct gcctgtacag atgtctgtgt 120  
tatttggccc catcaaatag gtgaattgag ttgttcatta agggagggga agagctcaga 180  
tttttaagtg attatatatt tgttttgac acagacattt cctaggaagg aaagtgtttt 240  
tggtaatgga ccacggaatc aaaacagatt actcactgtt tctgtccatt agcgcatatg 300  
atggggagca cctcaaagaa gtttagtcag agggataggg gctaaagcat tacattcatc 360  
ctgaaaatgc c 371

<210> 237  
<211> 350  
<212> DNA  
<213> Homo sapiens

<400> 237  
 ggcggcgaat gtggtgagtg ctcttgggcg ccttctccca acgtccctgc cagactcgcc 60  
 tccgggctga ttctccagtt ggtttcctgg actccagagt agctgtccgg cctggccccg 120  
 gaggtgcaaa gtaagaaaat tgaagtcaaa gaccatggga gatacagcaa gaccttattt 180  
 cgtgaagcgc actaaagacc gggggactat ggatgatgac ttcagaaggg gtcaccccca 240  
 acaagattat ttaataatag atgaccatgc taaaggccat ggcagtaaaa tggaaaaggg 300  
 ccttcaaaaa aagaagataa caccagggaa ctatgggaat acccccagag 350

<210> 238  
 <211> 352  
 <212> DNA  
 <213> Homo sapiens

<400> 238  
 aggtactggc tctcagagag catctctgga tttgccagg accccaagtc catggcactt 60  
 tctgccatga gggaaggaca taaagacttc tgaatagctt ttgctaccag ctgatcatac 120  
 agccctaggg tcttcagcaa acacagctag tagccaaacg gtggttataa cgggcttttg 180  
 gcgagactca gtgctttact gacctcaggt ctgaccacgc acagtcctag tgggtggtgg 240  
 cacaggggta attttgtcac ccacaccca gctccaggca ggttggcaca cacagagaga 300  
 gtttccattt agggggagaa agtaagggaa tagaacaaga gcctctgcct gg 352

<210> 239  
 <211> 372  
 <212> DNA  
 <213> Homo sapiens

<400> 239  
 ggctcagctg attctgggcg ctggatgggc ggccctggca ttaggtccag atttgggtcc 60  
 taagtactgt gcccaaccgg cccgagggga agggggagga gacaggaacc gcgccattt 120  
 tccggatcag gttcttggaa ccagcccga aatcctggga ctcaatctgg gggccagatc 180  
 tggagggcat ggtttttcta gagacgggct gatgcagccc cagtatgccg tcgcactcat 240  
 ttccacatt ccaggaaacg tccaggtctg cccttcacgc gtttgggaac tccgagacga 300  
 ctccctctct ccacaactgc aggggtgggc gcgctctgaa aacctggcaa agcgaagggg 360  
 gtcctcaga cg 372

<210> 240  
 <211> 363  
 <212> DNA  
 <213> Homo sapiens

<400> 240  
 cgtccgtatc atgatgtcaa gatatcgaga cccttctgtc taacacggcg aaccaccgtc 60  
 totactaaaa atacaaaaag ctatccgtgc gtggtggggg acgcctgtgg tcccagctac 120  
 tccagaggct gctgcaggag aatcgcttgc accaaggatg cggttctttg tatgagccaa 180  
 gatcacacca ctgcactcca gcgtgcatga caatgtgaga ctctgtctca aaacaaacaa 240  
 acaaaacaaa acaaaaaaac gagacaaggc cattcccccg ggacaggcgg tgagagtggg 300  
 gagtatccag aacacagccc cttccttggc cccaggccct ggcgtcggga gtaactgact 360  
 tca 363

<210> 241  
 <211> 335  
 <212> DNA  
 <213> Homo sapiens

<400> 241  
 aaagatgggt ccttaccttt tgtaatgaaa tatagaaaat acttattgtg actttgcagt 60

agttaaacat	agaaataaaa	catattttgt	acatagatca	gtggttggat	agactattta	120
tacatgatat	gaaatattga	tgacttataa	aagagaacgt	atcagtgtga	tatgtattga	180
gacatggagt	gagaagcttt	attaaattta	aaaatgtttg	aagaatagt	tgtagagtgt	240
acttataaaa	ccaaaacaaa	acaggagaca	aacagaaaaa	gcatacctat	gtgttcatat	300
atttgaaaat	tcttccatga	ctgtaaagaa	aactg			335

<210> 242  
 <211> 338  
 <212> DNA  
 <213> Homo sapiens

<400> 242						
actttacact	aagctatggc	aaccataagg	aggcaagggc	tgtgatgtga	gtgggtcttc	60
agctaagcta	gagctgccgg	gcacatagca	tgaggctgat	gctaccgtga	gactgtgtgg	120
aggccacac	agtccaagat	atgcacagga	gtctcataag	attaatttac	aaccaagaat	180
taccaagct	tgatacaca	ccaaaagaa	ggcagagatc	caaacagatg	tttgtacatc	240
agtgttccta	acagcatttc	tcacaatagc	caaaaggcag	aaaccactga	agcgtcttat	300
cgatggatga	tgataaaga	aaatgtggta	tatacata			338

<210> 243  
 <211> 337  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(337)  
 <223> n = A,T,C or G

<400> 243						
gccccttcgg	attctttcta	taagcaaatt	gcgcttggga	cataggcttt	gaatgctttg	60
agagaacctc	tcttcataag	tggaataaaa	atcatgattt	aattgtatca	aacgcattat	120
ggataatcta	tggtatttaa	tgaatcaata	ggtgaggctg	agttggtaag	aagtgaacgt	180
tacttctgca	tttaaaaaaa	tacatttaac	tcaataggaa	gtaacagatg	agtaattgga	240
aaacatttta	aacttgatca	taaagaaata	aaaattggcc	atgtgcagtg	gctcatgtct	300
gtaatcccag	cactttggga	ggtaaggcgg	gcagatn			337

<210> 244  
 <211> 341  
 <212> DNA  
 <213> Homo sapiens

<400> 244						
tgcatatagt	ttttgtctta	atcagtggga	tgagtcttaa	ggtaatttat	tgagaacaga	60
gaagggagga	taggttgaca	aacaaacatt	ttcaagtgtt	gtattttgga	aactttatta	120
aatgcctact	caatatcagt	atgtgaattt	taccacaca	aatgaaccta	ttcaatagaa	180
attttcttaa	ttactcaacg	taatacacat	gcacatgcgc	acatgcacgc	acacacacac	240
acacgcacat	acacacaaac	ataaccacgc	ctccactact	taagatgaga	gtatagtcta	300
gttaaccagg	aggttatgag	agttcagata	aagtttgtct	t		341

<210> 245  
 <211> 366  
 <212> DNA  
 <213> Homo sapiens

<400> 245						
tacggctgct	agaagacaca	gaaggggtcca	aggaagtgac	ataatcaatc	tgagctacat	60

tttctcgcta	ttaatctggc	agtgcctatat	ggaaaggaag	aaatgggggtg	tgggagtata	120
gttagaatta	tattattgtg	gcttaaggct	aaggaaacaa	tttctgacac	tggttaaggga	180
caaaagggtat	ggaaagaggt	tggaaggggac	attattgcag	aacaatcaac	aagatttaggc	240
attattggga	actggggccac	aaggtagagg	aagaaagaat	gataagtgac	tctgaggctt	300
tgagcttggg	tggtctaaaaa	tgtatagcac	tggaacacag	cttttactac	gtgatcgctt	360
gtcgag						366

<210> 246  
 <211> 122  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(122)  
 <223> n = A,T,C or G

<400> 246						
ggtccaatat	ggcgggcgccc	agtggcggtg	tgaactgtga	ggagttcgcc	gagttccagg	60
aattactcaa	ggtgatgagg	acaatcgatg	acagaataat	acatgaatta	aacactacgg	120
gn						122

<210> 247  
 <211> 337  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(337)  
 <223> n = A,T,C or G

<400> 247						
tttctgtctt	attcactggt	cctcctcaga	ttcctagaac	tatgcttagc	acaaaagagc	60
tgctccataa	ctatttgttg	aatgaatgag	tgaatgatta	agtaaataag	tgcggtcctt	120
ctttcctctg	gggtcccatt	tgctagcatt	gccaggtgt	tgtaactgc	ttgagatttt	180
ccttgtgaca	gcacacagtg	tgaagggaag	agaagaggac	tgagtcact	gtgtccattt	240
agttcttgtt	aaagacttgg	ggctgggcgt	ggaggctcat	gcctgtaatc	ccagcacttt	300
gggaagccga	ggcaggcgga	tcaaaaggtc	gggagtn			337

<210> 248  
 <211> 340  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(340)  
 <223> n = A,T,C or G

<400> 248						
ttctagtaac	ttgtactttc	cttaccaatg	atctctttcc	tgcgctaagg	gttaacttaa	60
acttatctca	aagttaattt	ataaaaaaaa	gtttgcctga	ttcaccttat	taccaatatt	120
gttaccatta	aaatcagtag	taacctggta	ctcaattact	ctgattagtt	ttcttatatc	180
tagagttcac	aaaaaacgtg	agtgactgcc	tgctcctaac	tttccctac	atatgcctct	240
tcattatggc	ttctgagtga	actgtagaat	tgctatttta	caagtgatgt	gaaaacttgt	300
gcagtgtaca	atatgtatgt	cacacaattt	tacaacatan			340

<210> 249  
 <211> 339  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(339)  
 <223> n = A,T,C or G

<400> 249  
 aacacaccca caccaaagca catcaagaaa ttcaaggatg cctgagaaga aaataagata 60  
 ttacaagctt ctagaaataa aagaatgttc ccatacaaaa gatggagggt tgaaatcact 120  
 ttagactttt aaatagtaac aatggaaata agatacttga gcaatgcctt ccaaaattct 180  
 gaaggaatat tattttaaaa ttagaatttt atagccagcc aaactatcat cagctgtaac 240  
 agtaaaatga aaatacttta aggctgggtg ccgtgggtca cacctgtaat cccagcactt 300  
 tgggaggcca aggcagacag atcactagag ctcaagaan 339

<210> 250  
 <211> 337  
 <212> DNA  
 <213> Homo sapiens

<400> 250  
 aaacctcgct tctactaaag atacaaaaaa actagctggg cgtgggtggca tgcgcctgta 60  
 atcccagcta tttgggaggc tgaggcacag aatttcttaa acctgggagg cggaggcttc 120  
 agtgagccaa gattgcgcca ctgcgctcca tcctggggga cagagcacga ctccatctta 180  
 aatcaaagca agaccaaaga tggcatagaa tccttctctg aaccttgccg agaggggaaga 240  
 gtaacattaa cttcacacgg gccactctgt tcaccatctt tgcttcaaaa agagcctacc 300  
 ctggaaggcc cgccccgga aaccggattt tggggtc 337

<210> 251  
 <211> 341  
 <212> DNA  
 <213> Homo sapiens

<400> 251  
 aggctggtct ggaactcatg gcctcaagcg atctgccccg ctctgcctcc caaagtgtgtg 60  
 ggattacaag tgtgagccac cgtgtccacc ggggaaggct tttggtcaga acaatggctg 120  
 gcaaaaccac aggcacgga aggccagagc tagggatata atataaatgt ccctacagtg 180  
 taacagatga tgctacataa agaaaatccc gtaatacaca cgatttctga atgtcctgct 240  
 gaacattcgg tgagtgaaaa ctaattatct gagagttgaa cctatctttg ttaataaaca 300  
 caaagcggcc gggcgagctg gtcacgcct gtaatcccag c 341

<210> 252  
 <211> 335  
 <212> DNA  
 <213> Homo sapiens

<400> 252  
 gtattttatta agtattttacc ctgaaataag tactgcacga agcatattca ttcagtattg 60  
 tccagttgct cttagcatga agtcactggg gtcaccttga tggcagtgat gagacaaatt 120  
 acttgtttca cctctttaaa catcagatag attgctgggg acaaagagac agcatggctt 180  
 ccaaccatta cacaagtccc ccttctgcag ccaggatcat gtctaggatg atgcagttat 240  
 ggaagacagc atgctgagtt tctattaatt tgatgaatca ccaaattgag accagtgggtg 300  
 gtggtgtcca gggacaaagt gaattgcttc agcag 335

<210> 253  
 <211> 334  
 <212> DNA  
 <213> Homo sapiens

<400> 253  
 cccaaagtgc tgggattaca ggtgtgagcc accgcgcca gcctctgaat tactttttctg 60  
 cttactcaaa gattagcctg tattgcggtg ctcaactaaa tccagttgca acattacaaa 120  
 ccagccttat atatttggac atgtttactg tttaatgtac cgtaaaaata ggaaatttgg 180  
 gttgggtgca gtggctcacg cctgtaaccc cagcactttg ggaggcttag gcaggcggat 240  
 cacctgaggt caggagttcg agaccagcct ggccaacatg gtgaaatacc ctctccacta 300  
 aaaatacaaa aattagccgg tcactggggg gcac 334

<210> 254  
 <211> 180  
 <212> DNA  
 <213> Homo sapiens

<400> 254  
 ataggtaaatt attaatagca ccaagctttt gtttaagcca aaaacctgag aatcacccctt 60  
 acttcctgct gaaacctcac attctacatc tagccactga aaaagctgct ttgcattatt 120  
 ttcaaaatac attccctagg gccgggagct gtggctcaag cctgtaatcc tagcactttg 180

<210> 255  
 <211> 337  
 <212> DNA  
 <213> Homo sapiens

<400> 255  
 acctcgatag aggtgagaaa ataaggcggg accctctaatt attcattgga catctgtgca 60  
 cagtactgtg gtagccccctt tcacatagtt tacattcctg gaatcttcaa aagaatttat 120  
 agaattgctc ttacgccttt ttttattgat ggaataaaac agataagaat accaaagaag 180  
 aggctgggtg cgggtggctca cgtctgtaat cccagcactt tgggaggccg aggtgggagcag 240  
 atcatgaggt caggagagcg agaccatcct ggctaacaca gtgaaacccc gtatctacta 300  
 aaaataccaa aaaattagcc aggcattgat gcgccac 337

<210> 256  
 <211> 342  
 <212> DNA  
 <213> Homo sapiens

<400> 256  
 agtacaccaa aagagagaag gaggaatgaa acttaatat cactgttaa aaccattaac 60  
 tacaaacctt cttttttttt ttttagaagg gggggtcggc tttaatcca aagggggggg 120  
 ggaggggggca ttaatggggg ggcggaaaac ccaatttgcc ggggtgaaacc ctttctatcg 180  
 ggctaaaaat tccaaaatgt tggaaaaagg ggggcccccc actccacccg gataatattt 240  
 tggatataaa agaaaaacgg ggtctacggg ggggaaccag gggggtgagg attctgggac 300  
 ctatgggaac caccccccta tatcccaaaa aggggggggta ag 342

<210> 257  
 <211> 336  
 <212> DNA  
 <213> Homo sapiens

<400> 257  
 tgatccagta ccactagtag tgacaataga acccaccat tgttctaagt gacaacacac 60



tgatgcaggt	actattat	tctcaaa	ttggaata	gtctaatt	ccgacagctg	120
caaagcagca	gagccaggat	tcaaaccag	gcagtcctggc	cccagagtgc	ctgcttcaaa	180
tcactacatc	tcttcctctc	ttatacttat	tcatcagtag	atgcctagat	gtggggcctt	240
acacttcagc	agatactaag	agggccatgt	accaagcgcc	aagtactgag	gaatacaaac	300
ataaatactg	cttgagggcc	aggcgcggtg	gctcat			336

<210> 258

<211> 344

<212> DNA

<213> Homo sapiens

<400> 258

cggggatg	gaagtacgca	ccacagccat	catgcaaggc	tattgatgct	ctattagaga	60
ggaatgtgca	gactgtgaca	cactttttgc	cattatgacc	tgctgcctgc	aatgtgtcca	120
cgacgcctgc	atacacttta	tgtttcagat	gcacagcgag	cagggggaga	gatctgggtc	180
tttgaccact	atcttgagca	gctgtgccag	ccccaggctg	catccacttc	ttggtattgg	240
gaaggacaaa	gccctattta	cagacaagtc	tctattccat	gcagcttaat	gcaatcctga	300
ctcataaagt	acctccaaac	caccgctccc	cagttgttcc	atgg		344

<210> 259

<211> 260

<212> DNA

<213> Homo sapiens

<400> 259

ggacttcct	ctgtggctct	gctcagaact	ggcgggtttt	cccagctcct	tgcccagacc	60
aatacttcca	tgctgtcttc	aagccctgct	tcttgcacat	ctcccagccc	agatggggag	120
aacccatgta	agaagggtcca	ctgggcttct	gggaggagaa	ggacatcatc	cacagactca	180
gagtccaagt	cccacccgga	ctcctccaag	atacccaggt	cccggagacc	cagccgcctg	240
acagtgaagt	atgaccgggg					260

<210> 260

<211> 333

<212> DNA

<213> Homo sapiens

<400> 260

actactactt	ttcatgcaat	acttcacata	caacttgagg	gttacagaat	ccagattaag	60
cctctgttct	ggaaggatta	tcacagaaac	ccacatttac	ttatttcaga	gggggtcatc	120
tgcttccct	ctgccctttc	tctaataaaa	cttcaaaaaa	acagaatatt	gtcaggccgg	180
acggggtggc	tcatgcctgt	aatcccagca	ctttgggagg	ccgaggcagg	cacatcacct	240
gaggtcatta	ctgacttcta	gaccagcctg	gccaatatgg	agaaaccctg	actctactaa	300
aaatacaaaa	attagctggg	cgcggtggca	tgg			333

<210> 261

<211> 339

<212> DNA

<213> Homo sapiens

<400> 261

agaatgtctg	ggtcactccc	aggggtgtaa	attagcacag	cccagcatcc	tcacttaggt	60
gagggacagg	gacgtcgagt	cacctggtaa	gactccctgc	aaaagaacaa	aagtggccac	120
ctgcttaggg	ctgggtgaaga	agctgttaa	gtggatgagg	tgctgtatat	agaattataa	180
attgtgtcat	cccaaggaga	acacttaaac	aaaaagaatt	ttcagtcac	tgtaaaaata	240
tgaggaggca	agttaaattg	gataactctg	gaatgggtag	aaagatgtca	taataacgca	300
cacatgcaca	cggatactcc	caccactgag	tgttaccce			339

<210> 262  
 <211> 337  
 <212> DNA  
 <213> Homo sapiens

<400> 262  
 ggcagtcact gagctgggtc cttcccacca cattgggggtg ctcttgcttg gcttgctgt 60  
 gttaggcagt cactgagctg gttccttccc accacattgg ggtgctcttg cctggcctgc 120  
 ctgtgttgca ggggggcggt gtcagaggag acaacatgaa agtgctggga aagctggata 180  
 caaacacaag ctgttggttc taatcaaagt taaaactggc tttatgctaa aggagtcttt 240  
 agtgctctcc aaaaaagtga gaacagtatt tttccagggg cttctatgac ctgctgacct 300  
 ttcttccaag acatccgtga gatttttctt attagag 337

<210> 263  
 <211> 339  
 <212> DNA  
 <213> Homo sapiens

<400> 263  
 gagaccaata cttccatgct gtcttcaagc cctgcttctt gcacatctcc cagcccagat 60  
 ggggagaacc catgtaagaa ggtccactgg gcttctggga ggagaaggac atcatccaca 120  
 ggctcagagt ccaagtccca cccggactcc tccaagatac ccagggtccg gagaccagc 180  
 cgcctgacag tgaagtatga ccggggccag ctccagcgct ggctggagat ggagcaatgg 240  
 gtggatgctc aagttcagga gctcttccag gatcaagcaa ccccttctga gcctgagatt 300  
 gacctggaag ctctcatgga tctatccaca gaggagcat 339

<210> 264  
 <211> 338  
 <212> DNA  
 <213> Homo sapiens

<400> 264  
 acattccgtc tccagacctg gcattcttac tcacagctaa gcaagaatag atggttactt 60  
 tgcaaaccat caagtactat acaacataag gtaattatga aagtcagaga gagtatatga 120  
 cttctatagt tccacaactg attactcaaa tacaagaaca gaaccagttc aaccctatct 180  
 ccacagactt cttegtcaat caaatgagga tgatgtttcc tattacaggc caccacaaat 240  
 tttagtaagt atgtaaataa tgacaaaagt gtatggccag gccgggcacg gtgggtcatg 300  
 cctgtaatcc caacactttg ggaggccaag gcaggtgg 338

<210> 265  
 <211> 369  
 <212> DNA  
 <213> Homo sapiens

<400> 265  
 tacggctggt agatgacgac agaaggggtgt gtgagagtgt gggtttgtgt agatacatgt 60  
 gtatgtgagt gtatgagtgt gtgagtgaat atgtgtgtgt aggaatgtgt gtgtaagtga 120  
 ccttgtagt gtgtaatgag tgtgtgtgag ggtgtgagag tgtatgagt agcatgtgag 180  
 tgtgtagtgt gtgtaatgag tgtgtgctgt catgcatggg catgtgagt tgtgagtaca 240  
 agtgagtgtg tgagtgattg taagagtgtg tgatgagtgt gagcatgtgt gagtgtggg 300  
 gattgtatga gtgggtgtga acatctgtgt gatttttggg gtttatgaat gtgggatgag 360  
 aattgtggt 369

<210> 266  
 <211> 365  
 <212> DNA  
 <213> Homo sapiens

<400> 266  
 tacggctgct acaagacaac agaagggact acacggtctg tgccggaaca agagtcttgc 60  
 tcttgactgg ttaacctgcc ttgaatcagg gcattcaggg agacctcaga caggctctgca 120  
 ttgacctatc tccacgcaca aggggcagca ttagttagcc cactgtcctc agggcttcca 180  
 gcaatgagac agctctgtca agagaggcac tgaagagtaa aagtgggttg ttgttcaacg 240  
 gctttcaatg ggattgctgc tgaacatgag actcactgaa atgccgatgt taatatgttt 300  
 gataactcca aatccatcag gcttgctaag gaataagaga tgtccaaggt ttgcggtgga 360  
 gaatt 365

<210> 267  
 <211> 342  
 <212> DNA  
 <213> Homo sapiens

<400> 267  
 tgtgtgtgtg tgtgtgtgtg tccaagggg tgtgtgggtg tgtgtgtgtc ccaaggtgtg 60  
 tgtgtgtccc aatggcagcc tcagggaaaa ctgagcaaaag aatgaatttt gacattgctt 120  
 gggagagcag aaaaggttct atgaggagga tgcagggtctc agacattcca gcataagaca 180  
 gatgagccaa ccttaagtcc cagacagagt ggaggagatt ctattcccgc ccctaccctg 240  
 aggctgattg tcccagttcc agaagggact cccaggaaaa tccagcctgg agaggctgcg 300  
 cccggagcaa ttaagaacag gacaaggcca gcaagtgggt tt 342

<210> 268  
 <211> 338  
 <212> DNA  
 <213> Homo sapiens

<400> 268  
 gagggaggat cacttgagcc caggattctg agaccagtca gaacaatatg gtgagatccc 60  
 cttctctagt tctttctttc ttattttttt ggcgagaggg ggactgagtc tcgctctgtc 120  
 gccacactg acctttatcc atacgtacaa aacttcacac agcacgttcc tgagcctgcc 180  
 ccacttcgtg gcctacctta acggaattat accaaaccat acctttggac accggcagct 240  
 ctaactcaaa actggcagtc acccgttcac cctttttgag gaatgcatcc cacttcaca 300  
 ggacctttac cgcgttccat cccctgctc tcgttttg 338

<210> 269  
 <211> 339  
 <212> DNA  
 <213> Homo sapiens

<400> 269  
 ttgggagtca acagagtgat ggagcctgtc ctgtccttgc acttgatctc cacattcata 60  
 gtgtagccct cggccttgac atttaatgtc acaggggtgga ctttcttttc cacattgcag 120  
 atcaaattaa agttcgcato tccttgctgc tttggagtga agaaaatata aattgggaac 180  
 ctgggtgggg aacaaaacag cagattacct gactaggcca acttgtcaaa accttaaaaa 240  
 atatgagcct actgaattag cagattcatt acgaggaaaa ggaaactcca aattatgatg 300  
 acattttaag atttgtggct atagtaacca aaacagcgt 339

<210> 270  
 <211> 331  
 <212> DNA  
 <213> Homo sapiens

<400> 270  
 atggccctac ccaactgctgc tttggtccag gagcattgat gcttctcggc tctcctctct 60  
 cccctaggcc tgcaggacaa gctgaacaag agggactaag aggtgacagc cttgacctcc 120

cagaccgaga	tgctcatggc	ccaagtaagg	ggtaaggctc	cctcccgtag	ggcagatgcg	180
gggggctttc	actggggccg	tgccattcag	ctgccaatta	agcatggagt	gggtcagggc	240
ctggcttagg	gtcccctccc	cgactctgct	ttgagaagaa	aagggctggc	tggtcgcggt	300
ggctcgcgcc	tgtaatccca	gcactttggg	a			331

<210> 271  
 <211> 235  
 <212> DNA  
 <213> Homo sapiens

<400> 271						
cttctgttgt	agccctaggc	aatctcgagc	cacagagacg	tccccgctga	cgagaaggaa	60
gtcctacgac	cgagggcagc	ccattaggtg	agatcatgtt	ctagaatctg	ctccagagtc	120
accaccagtc	tagttcttgg	ttacatgagt	ggctatgatg	ttctgctctg	ttgatcatct	180
tgtaacagtc	gtaacctggg	ccagcttgac	tgagccattc	aggttcacc	agtgg	235

<210> 272  
 <211> 151  
 <212> DNA  
 <213> Homo sapiens

<400> 272						
gctgtcgacg	tggtcttccg	gtggcggagc	ggcggattag	ccttcgcggg	gcaaaatgga	60
gctcgaggcc	atgagcagat	ataccagccc	agtgaaccca	gctgtcttcc	cccatctgaa	120
cgtggtgctt	ttggccattg	gcattgttctt	c			151

<210> 273  
 <211> 325  
 <212> DNA  
 <213> Homo sapiens

<400> 273						
gctcataaaa	ctgctgatag	gaaagagtta	taggtctcac	tgttcaagag	gcttggggtt	60
taaagtcata	ttagcctcaa	gagataaggt	cttgggggtcc	ttaagagtcc	agtgggttaga	120
aatgagatgt	ctgcagttag	acctcttaac	atcatcacgg	atatatttgt	gtttaatccc	180
agcactttgg	gaggccgagg	cgggtggatc	acctgaggtc	aggagttaa	gaccagcctg	240
gccaacgtgg	tgaacccca	tctctactaa	aaatacaaaa	ttagctgttt	gtgggtggcgt	300
gcacctgtaa	tcccagcaac	ttggg				325

<210> 274  
 <211> 322  
 <212> DNA  
 <213> Homo sapiens

<400> 274						
gaaagtctac	ggagcatttt	ctggggaata	taatttttaa	ataagattaa	atatcacata	60
aaataaatac	aaaactagat	agtaaaattc	tgaaaaaaa	aaagaataag	cctgaccaga	120
tactacactg	aattgcaaaa	tcattgatat	ggttggaaac	aggggcaaaa	aaagcagaca	180
tgtcaattga	gtaaaataga	gcatactgaa	ctagggtaaa	ctcacatgag	aatttaataa	240
ataataaagg	gggcttttaa	atgaggggga	taaagaagaa	ttatttaata	aaggggggtt	300
gggtcaatgg	gctagccatg	gg				322

<210> 275  
 <211> 135  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(135)  
 <223> n = A,T,C or G

<400> 275  
 aaactctggt ttaggataag tcactaatat agagatagct agttcaattg tgtctggctt 60  
 cctatcacat cactagcact tagtacagaa ttggggctct aaaaatattt ggcaatgatg 120  
 acctgtgttg ctttn 135

<210> 276  
 <211> 327  
 <212> DNA  
 <213> Homo sapiens

<400> 276  
 gaccaaata caagttcaat gaatgacgca gcagctctga gaggaacata aggaaaacac 60  
 ccaagccgga gtctctcaca agcttgaatg tgtgttctgg agctgaagga tgcacgggtg 120  
 ttaagcccc gttcttttcc gttgtttaat ctaatgttct ttggaataaa aacctccctg 180  
 ccaagtagta cttgggtttta tgctcaacat gctttgactg ttgaaaagag acctttggca 240  
 cacattgaag ggatgggtgat ggagatgcc aatccatggaa tcaggtggca cagctatgtt 300  
 ggtagctata gcagaagtct tottggg 327

<210> 277  
 <211> 328  
 <212> DNA  
 <213> Homo sapiens

<400> 277  
 tattaataat gctaaacact taccagcttt gtaacttttag ctatctatca ccattgagtt 60  
 gtttcctaata ctataaaatg gtggaatcc ctacatacagac tgtggaactg atgaaataat 120  
 atggcatatg taaacatttg gttcaagacc tgctacattg gatgaggaat gtcaacagta 180  
 aagtaaaatt ttgatctttg agtgtgtagt gagcttgta tgtaactttc tgtggattct 240  
 atttgacact cataaagaaa aactctaggt ttaaaaatgg aactaggcca ggcgagtg 300  
 ctacacacta taaccccagc actttggg 328

<210> 278  
 <211> 329  
 <212> DNA  
 <213> Homo sapiens

<400> 278  
 atttgtaact cacagggcag aataacagct ctgagactca atttatctgg aggagattca 60  
 gcacacctgc ttctcttttt ccaactggcat ggctcttggg gcaaatttgt atttatgtaa 120  
 tagttagaaa ttaaacatca gcaccaacgg aaaaatattc aacgccttt attaaacatc 180  
 aaacaacttt gtcaatggga aaagctgccc caactgggtt agatcttacc tttcaacatt 240  
 gttgtcaaag tacctttcca ctctctggta atgtctttga gagggtttgc ttattggacc 300  
 tacaactatc ttcccgatg gagttgctt 329

<210> 279  
 <211> 303  
 <212> DNA  
 <213> Homo sapiens

<400> 279  
 cggggcgtga acccgggagg tggagcttgc agtgagccga gatcgcgcca ctgcactcca 60  
 gcctgagtga cagagcgaaa ctctgtccca aaaaaaaaaa aaaaaaaaaa aaaaaaggg 120

ggggggttttt	ttcgtaaacc	ccaacgtgaa	aaaaaccttt	ggggggttgg	gcacaccccc	180
ccttaaaggg	gggggaaaaa	aaggcttttt	ttggaaaatt	gggggggctt	ttgttttttt	240
ttgaaccctt	taaggcggca	aaaaacaggt	taaccaccac	ctttggtttt	tttttagggg	300
gga						303

<210> 280  
 <211> 328  
 <212> DNA  
 <213> Homo sapiens

<400> 280						
gagccaccac	tcctggccca	aagtcaatac	attttaaaaa	aaaacctctc	cagtggctaa	60
gcccagcatt	gttatatgat	taataaataa	aatattgaca	togaggggtg	acaaacctag	120
tactttttcc	tgaaatcttc	agtgctgtct	gtgagtatat	ttgcactgtt	atgtaccagc	180
aactgtgcac	ataacaactg	gtatgatcaa	taagacatag	tcctcgccag	ggccaggtgc	240
agtaactcat	gcctgtaatc	ccagcacttt	gggaggccga	ggcaggcaga	tcacttgaag	300
tcaggagttc	gagaccggcc	ttgccaag				328

<210> 281  
 <211> 297  
 <212> DNA  
 <213> Homo sapiens

<400> 281						
gtagaagcta	tatgttggtta	ttgtattgct	atztatctac	ttaaataact	cttactgtag	60
tatgtattgc	tcaaggacag	agattgtgtt	gtcatctttt	gtgttatccc	acttagcata	120
gtttctaagc	aaatagtata	gttctttcat	atatgcttat	caagtaaattg	aatttgactc	180
tacctcctaa	tgaactattc	agaaattcat	gtttacgatt	ttagcaatga	gaacaccaag	240
acttagcaat	agagtatcaa	agataatata	actagggagt	agatctaaaa	taagaaa	297

<210> 282  
 <211> 277  
 <212> DNA  
 <213> Homo sapiens

<400> 282						
atccacgtga	tactaagtgt	aaacccctac	gcttgtaact	cttactcaac	cattaacgac	60
cgcaacaaag	caaattaaaa	gaacattacg	attccagcaa	cattcagggtg	aacatgaatg	120
tgtctttcac	tgttttactg	atatggaatt	gctacaacgt	gaaggctctg	actgttagtg	180
gccacccac	ttttgagttt	aagcaaaacta	gattcacttg	ctgtgggatg	acctgatgct	240
cttctgccac	ttttcaaata	actacaaagg	ctttgtt			277

<210> 283  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<400> 283						
ggaaaggagg	tagaaggatg	agaccctaac	acctggtttc	tccttccact	tcaggcattt	60
gtcagattct	tggactgcat	tgagtagggg	aataagaagt	tgggcagaaa	tcccctaaca	120
tatgtcctgg	tttctcaggg	ctaaagagga	aaacactgaa	tttcaaggcc	caaccaagtc	180
aagggccccc	ttagtaaata	cactacactt	tgggctgggt	gacctcaagg	tccacaccta	240
aggtaacatc	aaggcgatcc	agaagtagat	cttaaatgta	gctcaatctt	ggctgggc	298

<210> 284  
 <211> 326  
 <212> DNA

<213> Homo sapiens

<400> 284

agagacaggg	tttcaccatg	ttggccagga	tgggtctcaat	ctcttgacct	tgtgatccac	60
cctcctcagc	ctcccaaagt	gctgggatta	caggcatgag	tcaccatgcc	tggcccacag	120
tgacccttta	aaggaaaatg	ggagggacct	acctcggagg	ttgtgcagaa	aatggtggct	180
tccccagcac	tagggtttgg	ttccctccta	ggtcctccca	cagctgtgct	ttgacacata	240
agcagcttct	attaaaagtgc	ctctttaatt	tgtctgtcat	tgccaccaga	ccacaagata	300
ctttggggca	gggctgtatt	tcattg				326

<210> 285

<211> 328

<212> DNA

<213> Homo sapiens

<400> 285

gtatttatta	agtatttacc	ctgaaataag	tactgcacga	agcatattca	ttcagtattg	60
tccagttgct	cttagcatga	agtcactggg	gtcaccttga	tggcagtgat	gagacaaatt	120
acttgtttca	cctctttaaa	catcagatag	attgctgggg	acaaagagac	agcatggctt	180
ccaaccatta	cacaagtccc	ccttctgcag	ccaggatcat	gtctaggatg	atgcagttat	240
ggaagacagc	atgctgagtt	tctattaatt	tgatgaatca	ccaaattgag	accagtgggtg	300
gtgggtgtcca	aggacaaagt	gaattgtg				328

<210> 286

<211> 328

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(328)

<223> n = A,T,C or G

<400> 286

ggcagcatga	atcataattg	tcaggaaaaa	cttcatagat	tccgctatag	tatctccggg	60
attgtatcag	gacaatctat	aagacatttg	gagctacacc	agttgaaagg	tattgggtca	120
gtcagccccc	ttattcagtt	ttgtaaatta	gggggccact	tgaagaaaat	tctatggttt	180
atgctaatac	acatgtagct	gaaaatataa	ttacatttaa	aatctgttga	atttaaattt	240
actacagttt	tttttaaaga	tcattgctatc	cttcagtcag	tcttgcagca	attttccaac	300
tcaatgtaga	actaccaatg	aaaagtgn				328

<210> 287

<211> 331

<212> DNA

<213> Homo sapiens

<400> 287

tgagcttttc	attacattgt	tgaaagatga	agaacgaaag	ctacttggtt	atcagatgag	60
gaagagatcc	cctagagtaa	atctgtgcat	taaacctgta	acttcatttt	atgatatccc	120
aggttagctc	tctagtcggc	cagccaaaat	gttggcatgt	tttgcccctc	tattcaaatt	180
aaccttgaaa	tatatttgag	gattctctct	tgttttaatt	aacacttggt	ttggtaatta	240
atagaaattc	acctgtcttc	cgtatcagat	ttctgtataa	gcagttatgc	tctggagctc	300
tgccaagcca	atgattagta	cagattcagt	c			331

<210> 288

<211> 329

<212> DNA

<213> Homo sapiens

<400> 288

agttttcata	ttccttagtg	ttatcacact	ggcgcactta	ctgttttacc	attttccctt	60
ccgatttcat	ttttctgtta	gcatttacta	ctatctaaca	tatattttac	tcatttgtct	120
gtgttcccc	tcagaatata	acttcatgag	gggagggatt	ttctattaca	cttagtgaaa	180
agtaaatccc	tcaagtagga	acactacaag	tatgcacagt	ttttttttta	cagtaagttt	240
gcttaatggc	tagtaacta	tctcagccag	tacctgagtg	actattctga	cttgtatcat	300
ttaacaagaa	aaaaggcctg	gcgcgctgg				329

<210> 289

<211> 301

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(301)

<223> n = A,T,C or G

<400> 289

tcacaatgct	ttatatTTTT	cagagaatat	ttgcattcat	tacatcaact	gcaattcata	60
gggattctgt	gagctgatat	gtcattacat	tacttctcag	gtgaataatt	tagtggactt	120
attaaaaatt	agaaaaaatt	agaaaccagg	catgggtggct	catgcctgta	atcccagcac	180
tttgggaggc	tgaggcgggg	ggttcacctg	aggtcaggag	ttcgagacta	gcctggccaa	240
catgatgaaa	ccccatctat	actaaaaata	caaaaattag	ctgggtgtga	tggcatgccc	300
n						301

<210> 290

<211> 328

<212> DNA

<213> Homo sapiens

<400> 290

gaggaagagg	ctggggaccg	cggcgaaggt	ggtgagtgct	cttgggcgcc	ttctcccaac	60
gtccctgcc	gactcgctc	cgggctgatt	ctccagttgg	tttctggac	tccagagtag	120
ctgtccggcc	tggccccgga	ggtgcaaagt	aagaaaattg	aagtcaaaga	ccatgggaga	180
tacagcaaaa	ccttatttctg	tgaagcgcac	taaagaccgg	gggactatgg	atgatgatga	240
cttcagaagg	ggtcaccccc	aacaagatta	tttaataata	gatgaccatg	ctaaaggcca	300
tggcagtaaa	atggaaaagg	gccttcaa				328

<210> 291

<211> 326

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(326)

<223> n = A,T,C or G

<400> 291

ggacgttgct	gacggctagt	gaggctttag	cccgttctga	gcgcccgggg	gcggtaaggc	60
gcgatcatag	cagctctagg	tgaccttggt	ccggctcctt	gcgccccctt	gccccagcct	120
ccttcgttga	gacactattt	gttgagtctt	tcctcttttc	ctggccctga	cctagcgtgg	180
ggcgacataa	gagcaatagc	cgggtggggg	ctgtgagaac	ggctgggggt	gggagcgaat	240
ttcgaaaacc	cggaggacga	gtatagcctt	gcaagatgga	aaatgccctc	ccgggctggc	300



gcggtggcct gtaatcccac ctactn

326

<210> 292

<211> 324

<212> DNA

<213> Homo sapiens

<400> 292

aaaaatccta	acggctcaaa	gaagtttgc	aagggtcagg	aagcagggga	tacacggggc	60
tctcctaccc	gtgtaggagg	caggaagggt	caaagcagag	gccagctctc	ccagactgtg	120
ggggaagggc	tggggggggg	aggccacga	ggactggcca	cagccaccat	gcaggaacgt	180
cctggtgtgg	cctggcctgg	ctctcacaga	cccaaagctt	ccgtggagaa	tatgtctgtg	240
gttattaaac	agacaggcct	agtggaaaca	accctgccac	ctgcgtgttc	tctgagcctc	300
agtttctttc	tttgggaaag	agga				324

<210> 293

<211> 319

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(319)

<223> n = A,T,C or G

<400> 293

ttatgcggct	gattaaaacg	tcctaaactt	agattgtggg	gatggttgca	aaaccttgtg	60
actacattaa	aaagcattga	attgcacact	ttgggtgggt	gaactttatg	gtatgtaagt	120
tatatctcaa	taaaaaat	tataaactgg	tttattccaa	tggtagactg	aaacaaaatg	180
aaagtgtaac	atattttgaa	cttcaattga	attataaggt	ctttttttta	catgataaaa	240
taatgtgcat	tatagcccaa	atgtaataca	ttattcaatg	atatatttcc	aagaatgctc	300
cttagctcag	tgaatgagn					319

<210> 294

<211> 318

<212> DNA

<213> Homo sapiens

<400> 294

ttttagtgtg	gtagtcaaag	cattaatttc	tcacattgca	atttccttca	aagacataaa	60
tacaaccttt	ctaatactc	cttggttcac	aagatacctc	ttcaaattat	tctatttgtt	120
tcattcagta	tattatctgt	gtataccgat	attacactct	tttctttttt	tgagatggaa	180
tctcattctg	ttactgatgc	tggagtgagg	tggcatgacc	tcggttcact	gcaacctcca	240
cctcccaggt	tcaagcgatt	ctcctgtctc	agcccccaa	gtagctagga	ctacaggtgc	300
acaccaccat	gcctggct					318

<210> 295

<211> 322

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(322)

<223> n = A,T,C or G

<400> 295

gatgctttgt	accagtacca	aaatacaagt	tcaatgaatg	acgcagcagc	tctgagagga	60
acataaggaa	aacacccaag	cggagtctc	tcacaagctt	gaatgtgtgt	tctggagctg	120
aaggatgcac	ggttgttaag	cccctgttct	tttccgttgt	ttaatcta	gttctttgga	180
ataaaaaacct	ccctgccaa	tagtacttgg	ttttatgctc	aacatgcttt	gactgttgaa	240
aagagacctt	tggcacacat	tgaagggatg	gtgatggaga	tgccaatcca	tggaatcagg	300
tggcacagct	atgttggtag	cn				322

<210> 296

<211> 318

<212> DNA

<213> Homo sapiens

<400> 296

cttgagcacg	cacacaccac	ttcttcaatg	gggtgtgaact	agtgcattgt	taaccttgta	60
ggtgacaaaa	aggcttttgt	tgtctgcatg	atcatctctg	ggaagcggcc	agcgtcttaa	120
atttgaatga	ggatcttcac	tgaagctcat	acttataatc	aaggagatca	ctgctaagaa	180
cgggaatttg	tcctgcgttc	tgggactaac	atacagagag	catctgattt	cagtcacggg	240
ttgccactac	cctataatga	gagcagtctt	atgtttataaa	agaacgaagc	caactatatt	300
ctctgacgga	taaacatt					318

<210> 297

<211> 317

<212> DNA

<213> Homo sapiens

<400> 297

caaaaaataaa	ataaaataaa	ttagctgggc	gtgggtgacgc	acacctgtag	tcccagctac	60
ttcagaggcc	gagggtgggag	gatcacttga	tcctgggagg	tggagggtgt	tgcgaactga	120
tatggcgcca	ctgcccttca	tcctgggtga	cttagtgata	ccccagctc	taaaagtctt	180
catgtatacc	ttatctagga	tgaatggatt	cttatgcata	ctgggcatac	atgtagagct	240
ttgccgcatt	gacctattgt	ttacgaatct	aatacacgat	gtggatcctg	gggctgaaca	300
cttaattgat	tagggag					317

<210> 298

<211> 323

<212> DNA

<213> Homo sapiens

<400> 298

gctcataaaa	ctgctgatag	gaaagagtta	taggtctcac	tgttcaagag	gcttgggttt	60
taaagtcata	ttagcctcaa	gagataaggt	cttgggggtcc	ttaagagtcc	agtgggttaga	120
aatgagatgt	ctgcagttag	acctcttaac	atcatcacgg	atatatttgt	gtttaatccc	180
agcacttttg	gaggccgagg	cgggtggatc	acctgaggtc	aggagttaa	gaccagcctg	240
gccaacgtgg	tgaaccccca	tctctactaa	aaatacaaaa	ttagctgttt	gtgggtggcgt	300
gcacctgtaa	tcccagcaac	ttg				323

<210> 299

<211> 320

<212> DNA

<213> Homo sapiens

<400> 299

gttcaccatg	ttggtcaggc	tggtcttgaa	ctcctgactt	cagggtgatcc	acccgtcttg	60
gcctcccaaa	gtgctgggat	tacaggcgtg	agcccaccgc	gcctggcttc	ggaattgcat	120
cttaatctct	gtggcggctg	ctattttgtt	ttctaagttc	atgagcacag	gtggctgcct	180
ctatctttct	cctccactta	agcaggaaca	attcatgagg	cagactccac	ccaatgctgc	240
aaatcgccc	tattatcatt	gacctgaca	gaatttcagg	agtgtcaggc	cactccatac	300

tggaacacagt acagggttgt 320

<210> 300  
<211> 318  
<212> DNA  
<213> Homo sapiens

<400> 300  
gatgctttgt accagtacca aaatacaagt tcaatgaatg acgcagcagc tctgagagga 60  
acataaggaa aacacccaag ccggagtctc tcacaagctt gaatgtgtgt tctggagctg 120  
aaggatgcac gggtgttaag cccctgttct tttccgttgt ttaatctaata gttcttttga 180  
ataaaaacct ccctgccaaag tagtacttgg ttttatgctc aacatgcttt gactgttgaa 240  
aagagacctt tggcacacat tgaagggatg gtgatggaga tgccaatcca tggaatcaag 300  
tggcacagct atgttgggt 318

<210> 301  
<211> 317  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (317)  
<223> n = A,T,C or G

<400> 301  
ccttgctaac tttatttcag aaagtggtaa aatagctatg gagtacagac ccagtgaaga 60  
gattgtagat gtcagatggg aagaagaact acacggttta atataagtat gtggagataa 120  
aaactcaaag gtaacagggc cgggcacagt ggctcacacc tgtaatgcca gtgcttttggg 180  
aggctgaggg gggtggatca cctgaggtca ggagttcaag atcagactga ccaacatgga 240  
gaaatggtgg cacatgcctg taatcccagc tactcgggag gctgaggcag gagaatcgct 300  
tggaccgggg aagcggn 317

<210> 302  
<211> 346  
<212> DNA  
<213> Homo sapiens

<400> 302  
taccgctgcg agaatacgac agaacggcca tctttctacc atatgctagt aatatatggc 60  
tggaatgctg gtatgggaat tactcccctc tttgctgaaa tagttcatct cttgtgtcct 120  
tttccccttt ttattcttct attcttctta gcctaagtga tggctgcgat tggattcaca 180  
aggttgatat tcctactcgg ctcatgtcca cccacaagca gagaggagcc catcatcatc 240  
atgtgttctg aatctgaatc ccaagcacga aaaataactc caaggctctt acttaagctt 300  
gcgagtctgc tctgtcatgc ggagagtcca ccaccctgac tggatg 346

<210> 303  
<211> 322  
<212> DNA  
<213> Homo sapiens

<400> 303  
tagttgatgt gcccatctgc cccacctctg cctggctgta cttgtagcta gtacatgtat 60  
actatatatg tgcccgactg tttcattgta tgttccagga tggatcatgcc tgagtttttt 120  
tttttttttt gggggggggg attctacttt ttttggccgc tttgaagtgc ggaccataa 180  
taacgtttta aagcctcaaa attttaacct taaggggatt aacctattta atccttttgg 240  
tttgtgggtg cttggtacct gccctaccag gcgggggaat tttttaaaaa ttttttgaaa 300

aaaggggaatt ttaagttctt ct

322

<210> 304

<211> 316

<212> DNA

<213> Homo sapiens

<400> 304

aagttgacct	catcacctca	gaaaatcagg	gataaaatct	gtctttatat	tgtttcaggg	60
acttgggtat	cagagacatt	atttgtttat	caagacctaa	caaaacactt	tottattctt	120
taaaatttct	gtgtgtgtgt	gtgtgtgtgt	gtgtgtgtgt	gtgagaatat	tattaccttt	180
cacagagctc	ttttttaaac	cttgatgtgg	aacgcacaca	gtgtgacacc	atgtgtgcgc	240
cccttcacac	tcgaaacgct	tataggattc	attcagactc	tttttaaagc	acaacattgg	300
ggcagagaaa	gccacc					316

<210> 305

<211> 289

<212> DNA

<213> Homo sapiens

<400> 305

tcacaatgct	ttatatTTTT	cagagaatat	ttgcattcat	tacatcaact	gcaattcata	60
gggattctgt	gagctgatat	gtcattacat	tacttctcag	gtgaataatt	tagtggactt	120
attaaaaaatt	agaaaaaatt	agaaaccagg	catgggtggct	catgcctgta	atcccagcac	180
tttgggaggc	tgaggcgggt	ggttcacctg	aggtcaggag	ttcgagacta	gcctggccaa	240
catgatgaaa	ccccatctat	actaaaaata	caaaaattag	ctgggtgtg		289

<210> 306

<211> 315

<212> DNA

<213> Homo sapiens

<400> 306

tagtcccttg	ttctgaacat	ggtactgaac	gtaaactttg	atgtattgat	gccctccagg	60
gctgtaaaat	tgtgtggggg	ttaccttatt	ctttcactga	atTTTaccAA	ccatttttgcc	120
agagtgtttg	gcgctgacat	tgatattctc	gggcctcttg	aagtgtatag	agccctttgc	180
cccaggcta	acatgcctta	catggctgta	ctgctctgca	tagtgctttt	cctgtgccct	240
cttgtgattg	cctctgttct	ctatgggcac	tcctcattct	tgttgggtggc	taccttttgt	300
cccaacaacc	tgacg					315

<210> 307

<211> 287

<212> DNA

<213> Homo sapiens

<400> 307

tcttgggcgc	cttctcccaa	cgTccctgcc	atactcgct	ccgggctgat	tctccagttg	60
gtttcctgga	ctccagagta	gctgtccggc	ctggccccgg	aggtgcaaag	taagaaaatt	120
gaagtcaaaag	accatgggag	atacagcaaa	accttatttc	gtgaagcgca	ctaaagaccg	180
ggggactatg	gatgatgatg	acttcagaag	gggtcacccc	caacaagatt	atttaataat	240
agatgaccat	gctaaaggcc	atggcagtaa	aatggaaaag	ggccttc		287

<210> 308

<211> 207

<212> DNA

<213> Homo sapiens

<400> 308  
cagggcagcc tgcaaccaca caggttgcac cccatgaagc tggccccgga tatgtgtgac 60  
ttgctgtcac ttttggcttc aacaacagac aacttgactc aaaatggctt gaggggactt 120  
actacttcat gccaaagaaa gcctggaggt agggcaggtc cagccacggt tggttaaaat 180  
tcagctgccca aaccatgccca tgaagg 207

<210> 309  
<211> 319  
<212> DNA  
<213> Homo sapiens

<400> 309  
gagaggagggc tcagggaaaag gtgaaagatg ctatgggctg gttaactctg caaaaggaaa 60  
aactacagaa gttgctaaag gattcagaga atgataccta ctttaaaaag tataatagcc 120  
tgctgtcctt tatggagtca ttcaatgaag aaaaaaagtc ctttttggat gtctgtcaa 180  
taaaacggga tctggatgag ctggacaagg atcatttaca gttgagagaa gcctgggatg 240  
gcctcgatca ccagattaat gcatggaaaa taaagctaaa ttatgtcttg cccccacccc 300  
tccatcaaac tgaagcttg 319

<210> 310  
<211> 315  
<212> DNA  
<213> Homo sapiens

<400> 310  
atttgcaaat tttggggctg catgtgagggc tgggaagggt gaccagagc ttctaaagta 60  
caaaatgaaa tctctcacia cctgatggta tttggatagc atataccac cagaggaaca 120  
ggcttttatc tagcatacca caggtctccc ctttagcaca tctgtgctca ttttgaaact 180  
gtatagggaa ggacattagg tggctgggag aactctgaag gacagacctg gatctcctgc 240  
caccttccaa aggtgaaaaca acaaaaatcc gccaggcttt cagtcagaag cccggaaggg 300  
ccactcccaa ggaac 315

<210> 311  
<211> 323  
<212> DNA  
<213> Homo sapiens

<400> 311  
aagtttttga gagggggggg tctcactatg ttgccaggt tggctcttga ctctaggct 60  
gaagcgatcc tcccaccttg acctcccaaa gtgctgggat tacagttgtg agccaccgca 120  
cccggcctag tctttaaatt tagagcctca ttgatataaa gggcgaagaa aattaagtgt 180  
tgtaaccagg tagcccggtg tccaggagaa tgatggatct gtcagaaatc catgggtggg 240  
ttcgagcttt ggtcccatct tggactcaat cgttcatggc cagacgctg gcaaggagcc 300  
caaactacgc cagaagtgga cct 323

<210> 312  
<211> 219  
<212> DNA  
<213> Homo sapiens

<400> 312  
tgggtacggc tcgcaaaaac cacacaagggt gtccgggttg aaaacaccac ccaaggggtc 60  
cggtgggaaa acaccacata aggggtgccg tggtaaaaca ccacataagg ggacgggtgg 120  
gataacacca cagatgggga cggctgctat aatacgacag atgggcacgg ctgccataaa 180  
accacataag gagaccgctt gttattagac cacataagg 219

<210> 313

<211> 160  
 <212> DNA  
 <213> Homo sapiens

<400> 313  
 gttatctgaa attcaggcac tgcattgcaca aatgaatggg agggaaaatta ctctgaatgg 60  
 agaacgagag agtgagaaac caagccaaga actcttggaa tataatatac agcagaagca 120  
 ggctcaaatt ctggagatgc aagtggagct tacaagtatg 160

<210> 314  
 <211> 308  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(308)  
 <223> n = A,T,C or G

<400> 314  
 ggaagttagt gcttaagggt aatagacttt tttcttttct tttctttttg agacagagtc 60  
 ttgctctttt gccaggtg gagttcagng ncgcaatctc ggctcactgc agcctccgct 120  
 tcccaggtgc agcgatcct ccttgctcct cacaggggag gctaggcagg ataattcgtt 180  
 ttccaggagc cctctcttgg gggaaacacc tattttcccc ttaacatttg ggggaacaaa 240  
 aagggaagtc ccgttaaaaca ttgttgctg gggatgaggg gccacattg gctcccttac 300  
 cctccgtg 308

<210> 315  
 <211> 310  
 <212> DNA  
 <213> Homo sapiens

<400> 315  
 aaatgcctgc agggaccccc ggactagaca gccctcagcc ttcattggggc cgggggggcag 60  
 tgggcagctg ctcttgaaca acaggcaatt gttaccttgc aagaaagcag gctcagcgtg 120  
 tcagacactc ctgcttttca agagaagctg gaagttcagg accagcctgg ccaacacggt 180  
 gaaactcgat ctctactaaa aatacaaaaa ttagcggggc gtggtggcgc atgcctgtaa 240  
 tcccagctac ttgggaggtt ggggcaggag aatcgcttga acctgggagg cagaagttgc 300  
 agtgagccga 310

<210> 316  
 <211> 311  
 <212> DNA  
 <213> Homo sapiens

<400> 316  
 ccttgctaac tttattttcag aaagtggtaa aatagctatg gaggacagac ccagtgaaga 60  
 gattgtagat gtcagatggg aagaagaact acacgggtta atataagtat gtggagataa 120  
 aaactcaaag gtaacagggc cgggcacagt ggctcacacc tgtaatgcca gtgctttggg 180  
 aggctgaggg ggggtggatca cctgaggtca ggagttcaag atcagactga ccaacatgga 240  
 gaaatggtgg cacatgcctg taatcccagc tactcgggag gctgaggcag gagaatcgct 300  
 tggacccggg a 311

<210> 317  
 <211> 261  
 <212> DNA  
 <213> Homo sapiens

<400> 317  
agacaaaact attattcaac tcaacagggg gccttttttt tctatacccc cagccttgta 60  
aaaacccttt ggtgggtggg cccaccccc acttagatgg ttgggaaaaa ttgggttttt 120  
tggaacttg ggggcgccct tgggtttttt ggaccctta atagggtggcg aaaaccggct 180  
accccccgcc gtgggtttct tttttatttc cagggctcgg gggggggggg gggggtggat 240  
cacctgagat caggagtca g 261

<210> 318  
<211> 310  
<212> DNA  
<213> Homo sapiens

<400> 318  
ccaccatgac tggcaaattt tcgtattata agtagagata gggtttctcc atgttggtca 60  
gactggctct gaactcccg cctcaggtga tctgcccgcc tctgcctccc aaaatgctga 120  
gattacagat gtgagccact gtgcccggt gcctgagaca ttttgggcaa cagccgtgac 180  
agaagaaacg tgcacccctt ctgtgcaggg gatttaagaa gtggctcatg gctgattatg 240  
atttctttgc tccgtttctg gaactgcggg agcatcttct gggataaggg tctatctgtt 300  
tgagtctctg 310

<210> 319  
<211> 307  
<212> DNA  
<213> Homo sapiens

<400> 319  
tgagcagaaa aggatagagt gtgacctgcc aagagatact ggacagtggc ctccactttg 60  
tgtaccggg ttggccattc tccttatcgg cacagtcagg ataagaaaac tctaagttta 120  
ttcggatccc ttggaggaca ctctacatg ggaacaattg cagctgtcat cttggacttt 180  
acttcccagc caactcagtg gggaaagagg ggagcattct ggggacctct gttagagggc 240  
ttcaacctgg atagattccc aatcagagtg aagttcaact tcctccagga tatttctctc 300  
coctggg 307

<210> 320  
<211> 303  
<212> DNA  
<213> Homo sapiens

<400> 320  
ggagcctttg actatgctga gcctcacagt attccaggag gggatatagta agtaacagct 60  
ggttctgga ccacttttgc tcagagcatt ctgtggaata tgggtctcca gaacattctc 120  
tgagaactat tactcaatct atttaaacac acaaataaa ctctgtataa gagggaggac 180  
actggctggc cgtgggtggc cacacctgta atcccagcac tttgggaggc tgaggtggac 240  
agatcacttc aggcctggag ttggagacca gtctggccaa ctctgtctct actaaaaata 300  
caa 303

<210> 321  
<211> 295  
<212> DNA  
<213> Homo sapiens

<400> 321  
cattacgccc aactctgca actaacagaa atatctcttc tccctgtat atgttaggac 60  
caagaataaa atcaaacatg tggaggacat gtcagctagc ctgggatttc caagataccc 120  
cggttggtaa gaactacttg gggcgccctc atctggagat tctggcttag tagatcagag 180  
gtgggcctga taatttatat ccatgagcat accaggtaat tcttataact aagcgagttt 240

tggaaaacac agggctcatc taggccagca aaggtttcct gtcccagagt gggca 295

<210> 322  
<211> 304  
<212> DNA  
<213> Homo sapiens

<400> 322  
tgatccatcc actgaattct ctcagagaaa tgagaactca gagccataag cctgctagga 60  
atttgcaaga atcttgggaa gtgcttcata atcccccagg tgtagaatgg aggttccagg 120  
caatactcta tggacttcaa aatacaggaa gacctcagat gacacaggat acattccaaa 180  
tttgcagaac tggactcagt ccattcagtt gaattccaac agttttcaaa tttgttaaag 240  
tacaaatatt ttgattcatt gtattaaaaa gtggttatag gccaaagcgcg ggggtgcaca 300  
ctgg 304

<210> 323  
<211> 321  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(321)  
<223> n = A,T,C or G

<400> 323  
tacggctgca agnnnnnnnn nnnnggggagc ttgtccttct catacttcca ctgggagaaac 60  
tcagggtcca attaaactcc agaaccagggt gagctgcacc ttctcaggta tcaaaacaca 120  
gggcccgcga ggcacgggtgg ctcacacctg taatcccgta agtttgggag gccgaggcag 180  
gtggatcacc tgaggtcagg agttcgagac cagcctggcc aacatggtga aaccgcttct 240  
ctattaaaaa tacaaaaaat tggcctggca tggtggtcca tgccctgtaat ccagcactt 300  
tgggaggccg aggcgggcgg t 321

<210> 324  
<211> 286  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(286)  
<223> n = A,T,C or G

<400> 324  
tgaatatttt gatcaatgaa gtcatacact taacaatagc tatcaatatt gaggagctat 60  
aaataaattc taattttcac aaaactcagt aaggatatgta atacaacctc cgctttacaa 120  
tgagaaaaat aagtcttact gattcggtga tttaatccat atcagagtta ataacctctt 180  
tttcattaaa attggctcct tagaaacaca cctgcagctg ggcacggcgcg ctcacacctg 240  
taatcccagc actttgggag gccgagacgg gcggatcacc tgaggn 286

<210> 325  
<211> 284  
<212> DNA  
<213> Homo sapiens

<400> 325  
tgagcttttc attacattgt tgaaagatga agaacgaaag ctacttgttg atcagatgag 60



gaagagatcc	cctagagtaa	atctgtgcat	taaacctgta	acttcatttt	atgatatccc	120
aggttagctc	tctagtcggc	cagccaaaat	gttggcatgt	tttggccctc	tattcaaatt	180
aaccttgaaa	tataatttgag	gattctctct	tgttttaatt	aacacttggt	ttggtaatta	240
atagaaattc	acctgtcttc	cgtatcagat	ttctgtataa	gcag		284

<210> 326  
 <211> 267  
 <212> DNA  
 <213> Homo sapiens

<400> 326						
tccaccactc	ccacacagca	tgcacacacg	gttggacctg	agtgtcctctg	atggaaccca	60
ggctgctctg	tgccgctgta	ggatatcccc	ctgcttaagg	actttcgttt	catctcagac	120
cacatctggc	cccgcagttc	ctctgatagt	ttcccttctg	tatcactgag	cacatttggg	180
gcagctcgtc	cgtgagcatg	cagtctgcac	gtgtgggggtg	aggtgggggc	gcacacaggc	240
tgtgcctgtg	ctctggactt	gtacaga				267

<210> 327  
 <211> 465  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(465)  
 <223> n = A,T,C or G

<400> 327						
ccttactcag	aaaccacaca	agcttgcttg	ttgtgttttg	tcgaancggc	ctaccgttgc	60
gctaatacaa	cagaagggca	tctctcttca	tgaagggcac	atacacacac	acagttaagg	120
tgttgaggaa	actgggagag	ccaatttgac	ctggccttta	ttttgcacaa	gagtaactga	180
agcttcaaat	acaatgtgtg	ttacatagga	accaattatg	tatgtaggat	taataaagat	240
aggagacctc	aggccattta	catgagggca	agaatagtaa	ccttttgatc	cagagaggta	300
gttttaaaaa	tagtaagggtg	ttaacatata	caaataataa	agttggggct	ttaaacattt	360
gaatttgaag	gctctgagtc	atgggattaa	ctttgtaccc	cagggcacag	ggaaaggcta	420
cccttgtgca	taaggtattg	aggaagcttc	ctggcagtaa	ttccc		465

<210> 328  
 <211> 417  
 <212> DNA  
 <213> Homo sapiens

<400> 328						
ggcacgaggc	accttacaga	cagtggaggg	gtgtcccctc	ccacaggcaa	gaaccagagg	60
cccaggctgc	acacccattt	cagccatcaa	gaaccacac	agacggcagg	gaagggtggc	120
acagtatgaa	ctactgctga	tgtctctggt	ggggatcaga	gggctggcgg	gaacgcgaga	180
agggcaccag	cagcattcca	caccagctc	ttcctcacct	tctgtctag	tttgaatttc	240
ttttttttct	ttttcttttt	ttttttttta	attaaaaaag	gaaaaggggg	ggtggggaaa	300
aaacctaaaa	caaaaaatgg	gcattagggc	tcaaagcacc	cccaggaagg	ggcccatgtt	360
tgggggggagc	aggggcttgt	tgaccccacc	tgtttttgtt	ttggcacaaa	ggttttgg	417

<210> 329  
 <211> 397  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(397)  
 <223> n = A,T,C or G

<400> 329  
 cggttgctgtc gcaagtttga attgtgatga cggntgacgt ttgctgattt ttgactgtgc 60  
 ttgtagctgc tccccgaact cgcgcgacttc ctgtcggcgg ccggcactgt aggtgagcgc 120  
 gagaggacgg aggaagggaag cctgcagaca gacgccttct ccatcccaag gcgcggggcag 180  
 gtgcggggac gctgggcctg gcggcggtttt cgtcgtgctc agcgggtggga ggaggcggaa 240  
 gaaaccagag cctgggagat taacaggaaa cttccaagat ggaaactttg tctttcccca 300  
 gatataatgt agctgagatt gtgattcata ttcgcaataa gatcttaaca ggagctgatg 360  
 gtaaaaacct caccaagaat gatctttatc caaatcc 397

<210> 330  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<400> 330  
 ggcacgaggg acccatttct aggattctaa gatgtaagat ttcttaagtt ctttatctta 60  
 gtctcatgca ttctccacat cgcgcgtgt accatactgt gtagtcagaa cagacagtgt 120  
 gattgaaaag ctttggaata agttaacaca aaggattatt tagcacatag gctgtagata 180  
 cgtatgtgtg tatttggtca acaattggag atggttgaat acccttgaac aaagtgtgta 240  
 tcttctcaaa tcagtgggtg cactagtcaa taattagaag gtgttggtat ttttaaaact 300  
 ataagcaaaa ttatgaaggc ctttaaaaaa tctatcataa taatgaaaaa gaggttgtct 360  
 cccaacagtg ctgtccctca aagaaaagac tgggt 394

<210> 331  
 <211> 377  
 <212> DNA  
 <213> Homo sapiens

<400> 331  
 attatgggag tgagccacca tgcccggact ctacatcaga aatttcaaaa ggaatttcat 60  
 agttacaagt tcttcatgag aacaatagct cccagaaaac accttccttg gttccaggtt 120  
 tacactgaag tttttctttt ttttttattt cacaacacag attctaggat aactgaagt 180  
 attaagaaaa atcggggcca ggtgcggggg ctcacgcctg taatcccagc actttgggag 240  
 gcctaggtgg gcagatcacc tgaggtcagg agttcgagac cagcctgacc aacatggaga 300  
 aacccgtct ctactaaaaa tacaataaaa aattatccag gcgggggggc gcatgcctgt 360  
 aatcccaggg actcggg 377

<210> 332  
 <211> 401  
 <212> DNA  
 <213> Homo sapiens

<400> 332  
 ggcacgagcc gagctcggag gcggctcgtgc ggcgcgaggt cctcctggat cgtggcaatg 60  
 ggcagacaca gagcagaaaag tggcggactt gggcgccac aggttaacttt ctgcgaagga 120  
 gctgaattct ttactaaag ggtacaagcc cgagggacga gctgcgcgat gattggctgg 180  
 ggagctccct caggtagct gccattggca gaggcgcgt caggtaaggc ctttctccaa 240  
 gtgcaggtaa ctactccga agtttacctg agtggagcgg cggcatgctt gcagctcggc 300  
 ggagcctgt gagagctgag ggtcagttct tcgagtagat ctcaagctgc gttttcctcc 360  
 ttctccaaag cagggatggg aagggtggag ctactggttg g 401

<210> 333  
 <211> 392

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(392)  
<223> n = A,T,C or G

<400> 333  
cggttgctgtc ggctcaacaa gcatacctagt taaagggtct atcttcatga gtaggtgaca 60  
ccacagacat ggtgcttact tcagaattag ctctattatt ttcagaacat tgcttaacat 120  
gttggttgag tccggcagac aaattaacat attcttgtgc ataaaaatta gaacaaattt 180  
ggtatggcca gtggaaacta tggagtccaa ttgcttttta atctaatttt gatttaagta 240  
aatgcagtta tacagagggt gcaaggaaca gaattgtttt tattttatto tattaagtca 300  
tgggtataaca tgtattttaa agattatctg tcttaccaaa tgtacaattt ttgtacaatt 360  
attggccttg gaagtagaga tgacagaatt cn 392

<210> 334  
<211> 383  
<212> DNA  
<213> Homo sapiens

<400> 334  
cggctacctg ctgacaggat tgcttgatgt caacgtatct gtcttgctaa atgtccttac 60  
attgacagct cttatatgtt tcataccatc cattacataa atatccacca tcctattatt 120  
tgggtattaaa actcttcctc aataagaact actttcctgg agcatttctg tgtgcctctc 180  
ctggtcatac taagtgcatt tagctttctg cttacgaggg tgagcatttc ctatccctgc 240  
tgctgtcttc acagcactta cccacagaa agatctcagg cactgacaag atatccaatc 300  
tcaatgctat gttgtatcaa gcctcatata ttgataaaaa agtcttagtg gcattaattc 360  
taaataaatt actattccac acg 383

<210> 335  
<211> 404  
<212> DNA  
<213> Homo sapiens

<400> 335  
cttctccatg ctcggaataa cttcctgcat cggtcaacag gctaaagagg gggaaggctct 60  
ggagggttgg aagaggactg gaatctgatt ggggttccaa caaatctgta acaccgctgg 120  
gaacgactgg gtccccttta ggtcctttag gacagcgttt gaaatcttgc tttcccctgc 180  
agggatccag caccggctcc tctccggca accacggtgg gagcggcgga ggaaatggac 240  
ataaaccggt gtgtgaaaag ccagggaatg aagcccgcgg gagcggggaa tctgggattc 300  
agaactctga gacgtctcct gggatgttta actttgacac tttctggaag aattttaaat 360  
ccaagcctgg gtttcatcaa ctgggatgcc ataaaccagg acct 404

<210> 336  
<211> 390  
<212> DNA  
<213> Homo sapiens

<400> 336  
ggcaccagca aagaggaaac agtttagttt tagtggcatg tctcagtgac aatgctgaat 60  
acctaatagt ttttccaaaa ttgggtccag tggtttacgt cttggatctt gcagatagac 120  
tgatctcaaa agcctgtcca tttgctgcag cagggaataat ggtcggctct atctattgga 180  
cagctgtgac ttatggagca gtgacagtga tgcaggttgt aggtcataaa gaaggtctgg 240  
atgttatgga gagagctgat cctttattcc ttttaattgg acttctact attcctgtca 300  
tgctgatatt acgcaagatg attcgtctgg aggactatgt gcttagactg tggcgcaaat 360

actcgaataa actacaaatt ttaaataagcg 390

<210> 337

<211> 400

<212> DNA

<213> Homo sapiens

<400> 337

cgttgctgtc	gcttgggaag	aatcccaaca	tcgagaaaac	ggtgtcctgt	gagttccaac	60
aatgcttctt	gttcatgggt	ttcttcogta	tggagtggat	taagagtgtt	ttattttgtt	120
gttctaactg	agaaaaaaag	gaggcaccca	caagggtgag	gtcacacagt	ctccacagtt	180
tccaggaggc	gtttgggggt	ggggaaggca	cctccagagc	atgaggctct	aaggggacat	240
gagtaaagca	tgtctgtgac	ccagtggagga	agggagaggc	cagctgcact	cctgcacggg	300
gttcctagct	gcagaagggt	cccgcctatg	ccgaggggaa	acacctgata	gcagaagagg	360
cctggatgca	cacctggcac	gccgaggctc	tccgcccaga			400

<210> 338

<211> 356

<212> DNA

<213> Homo sapiens

<400> 338

cctcagcctg	ctgagtagct	gggattacag	gtgcccacca	ccacgcccgag	ctaatttttg	60
catattgtagt	agagatgggg	cttcaccatc	ctggcccggc	tggctcctaaa	ctcctgacct	120
aaggcgatct	gcccgcctca	gcctccctga	gagctgggat	taaaggcgtg	agccaccaca	180
cctgggcacc	ttattttttt	atacggtctc	actgcataca	gttgaataag	aaaactattc	240
ctgtattgct	gcactttcac	actgcttcaa	aatcggccta	ggagaaacaa	tgctttaatt	300
gcttcgggtg	catttaattc	ctagagccaa	cgggcttggc	caaaggcaac	ctaccc	356

<210> 339

<211> 351

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(351)

<223> n = A,T,C or G

<400> 339

caaactccca	agcacaagtg	aatcatgggt	cagtgactca	ttgtgtgaat	aggggacacag	60
agaatcccta	aaccattgct	tttcatatca	ggagtccaac	agtctttcag	gttgcccctg	120
actgagggct	ttgagtattt	agtggagttt	tctggtaaata	catagctatt	ctaatttagg	180
tttcagccca	actagatgct	tctactatc	cctggtaagg	aatggaactg	gctcacagta	240
aatgtagctg	tttagtaata	gatgcagata	ttcttattat	cctctctagg	gcttctattc	300
tgattttctta	tttttaagat	taagaattta	atggctaaaa	aagctaagtg	n	351

<210> 340

<211> 381

<212> DNA

<213> Homo sapiens

<400> 340

cgttgctgtc	gaacaatggt	acaaaaggca	aatataaaga	gtatgttttc	tttttagtgc	60
tttgaaaaaa	tttcacttaa	actcttatta	ctgtatagat	taagccctat	aatgctattt	120
atattccagg	ggaacgaaaa	tctgaatttg	ttttatgatt	taaagcatct	ggtttgcata	180
ttgtattgta	atactgatac	agtttggctg	tgtccccacc	aaattgaatt	gtgttaatat	240

ttcccataat	ccctacgtgt	tgtgggaggg	acccagtggg	cagtaattta	atcatgggtgg	300
tggttaccct	catgctgttc	ttgtgatggg	gagttctcat	gagatctgat	gggggttttt	360
ttttgttttg	gttttttggtt	t				381

<210> 341  
 <211> 344  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(344)  
 <223> n = A,T,C or G

<400> 341						
ggtccagtat	gtagcgtaac	agccttccaa	ccagttagag	ccagtgcctc	ggttggccat	60
tcttgcttta	ttgcctaccc	tggagttaga	ttagcgggtg	aggggagatc	acttttatct	120
agactgcagg	aactgagaat	gggtgagggg	tgattcccaa	atagaaaatg	aagggttctgt	180
ttatagaaga	ataagaaact	atgtttgtct	ggtaaaaaata	gcagttgtcc	attctatcag	240
ttttcattcc	catgttacag	aaattcttac	caaacaggct	taaatagtaa	gcgaatgcct	300
tagttcattt	cactggcagt	tcagagtggg	gggagccctg	gggn		344

<210> 342  
 <211> 374  
 <212> DNA  
 <213> Homo sapiens

<400> 342						
cggtgctgtc	ggaacttttc	aacatattga	caccagcgt	gtattacaaa	cgaaacaggg	60
acagatgaag	gcctgcattt	gcctgaacgc	tatagtgtgt	tgatccctaa	ctagtaaatg	120
gaattcacat	ataaccacat	ggactttgca	ctgcacagaa	aaagtcagtt	tggggagaat	180
ttcagactta	catgtgaagg	acagatgtca	attttcattt	ttattttatt	tttgagacag	240
agtctccctc	tgtggcccag	gctggagtgc	agaggcatga	tcttggtcca	ctgcaacctc	300
tgccccctgg	gttcaaacaa	ttcttggtgc	tcaacctcct	gaaaagctgg	gaataacggc	360
gggcacccac	cacg					374

<210> 343  
 <211> 373  
 <212> DNA  
 <213> Homo sapiens

<400> 343						
cgttgctgtc	ggaattgaag	cccaggtggg	tgtccaatgc	cagaccatgg	atcatcagcc	60
tgggacacca	aagtgccaca	ctctcagagt	gaggatgatc	ctcaggaagt	cagctctacc	120
accctccaca	ccaggaagtg	caagcagact	cacctcatga	ttgagcagaa	taagagaatc	180
cttgagaagt	cataagtttg	catggatttg	cagcacaagt	tcaaacaact	agatggcacc	240
aaatccctca	atztatgaag	acattttaacg	tggtagccaa	ttggaaacgc	ctcatggcag	300
aaacaaacat	aaatcctttc	tagaaggttg	ccttgcctca	gtgtttccca	aaccagtttt	360
tttagggaaa	atg					373

<210> 344  
 <211> 350  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(350)  
 <223> n = A,T,C or G

<400> 344  
 aagctcctgt ccccgaaaca gaagcagagg aaaaaccaca ctagcaagct gcaagagttg 60  
 gcaactgctgc tgcccatagc cctgaagacg gggaccaaga agctcacaaa ggtacagggg 120  
 ctagaggaga ggggccagat ttgggacgca ggtcttttaa tagcagcaaa tgggtcacc 180  
 tctcctggga aacctggaca gatcctttca gtggcagcat tcaaattggga atgggtgctac 240  
 tctgaacggg aatttccggg agtctgtgat ccataacta ggtgcctgga ggatcctttt 300  
 tttgcaaagg agagaggaga aaccgggctg gggaaataga gatagcacan 350

<210> 345  
 <211> 361  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(361)  
 <223> n = A,T,C or G

<400> 345  
 cgtgtctgag ctgtgatgac gctggccttg tgtttcgtca ggtggtgtcc acagggtgcc 60  
 tgctgggttg tttttctctg ccctggggaga ggctcgctga ggctgcacgg ctgcctggga 120  
 gaggtctgct gaggtctgcac ggctgccttg gggcctctg acgcgccctg tggactgcag 180  
 catccagggg atcgctctg caactcttat tgctttggcg tttacctatt ggggatttaa 240  
 aaaaaaatt gtctattttt ataaaaaaga catgggctgg ctgggcacgg nggctcacgc 300  
 ctggaatccc aatacttttg gaggttgagg tgggcggatc acctgaggta aggatttcaa 360  
 g 361

<210> 346  
 <211> 223  
 <212> DNA  
 <213> Homo sapiens

<400> 346  
 ggaggtggag gttgcagtga gctgagatca tgccactgca ctccagcatg ggtgacagag 60  
 actccggctc ataataaaaa aaaaaaaaaa aataattttt tgactgaaaa aatatttttt 120  
 tgtgtggggg aggggttttt ttttgggcgc aagaagtaac aacctgtgtt gggggggggg 180  
 tgcccacccc cttctttttg gagagcttgt gttctttttt ttt 223

<210> 347  
 <211> 477  
 <212> DNA  
 <213> Homo sapiens

<400> 347  
 ttgtttcttt tgcaagatcc cactcgattc aattcggcac gagatattaa aaggaggtta 60  
 gtgcttaaca agaatttaat tgctctgcaa ttcagtgtgt ttctaataaa acctaaactt 120  
 taagatcttt ctaggggcag aaagcccatg agaaatacaa tgggaaggtaa agacaatggg 180  
 acggcggaag tggttgacc ccgtgcaacc agctgcagaa tgaataggga aaacagcaaa 240  
 gctgtactag cctctgggtt atcaactoca gaccatgaga aagataactg tagatacagt 300  
 tacactatga caaggctaag cacgaatcac caacatgttt cccaaagtgg gtggtggccc 360  
 tgaaagtgtg tttgcttgtt agatggaatc aagagctaaa atcaaaggct actcctgaac 420  
 cgttttagta agacccgagg taggagttca aaagcctcag tctcagttcc cccgtat 477

<210> 348

<211> 321  
 <212> DNA  
 <213> Homo sapiens

<400> 348  
 ggagtagaat gcttttctact agctotcaaa ccttggtgtg aggaattcct tggagggctt 60  
 gttttaagca cagattgctg ggctacttg aatcagtgg tctgcaagga ggccctaaat 120  
 tcgctccct gacaggttcc tggcagatgt gatgctgcct gaggcctgca cttaggacca 180  
 ctgacatagc caactagaag aaacatggga aggctgggga gtctctccct gtagtgagcc 240  
 ctcaggagga ggattagaat gggggcactg gaggaccagg cgcggtggct caccgcctata 300  
 atcccagcac tttgggaggc g 321

<210> 349  
 <211> 434  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(434)  
 <223> n = A,T,C or G

<400> 349  
 cacagcactt gtcttttggc ggatnnnntn gactcgaatt cggcacgaga tggcgtggtg 60  
 gagaacacac ctgtggctat cttatgtgag gactagaggt gaagaggaga tggacactgc 120  
 ctctggagcc agcctgacac caaggacagc acttgctcatc atccctatcc tcgtcagccc 180  
 caccctgctg cctcagctgg acccagggct ttgacacaaa cccagtgcct tgcctatggg 240  
 tgctcgctgg ggcccggtgg agactgacca ccctgcttga gccaaagaca aggtgatgag 300  
 agatggggag aggccattgg ctcccagagg gaacagtgc ggctgtggct agagaacagc 360  
 aggtctgtgc agtgtctgag ggcagggttg gaagggtagc anagagagag agaccgaaag 420  
 agagagagag agac 434

<210> 350  
 <211> 178  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(178)  
 <223> n = A,T,C or G

<400> 350  
 acgttttagcc ctgaacagga gccaccatgc attgcttcag cttcattaag accatgatga 60  
 tcctcttcaa tttgctcatc tttctgtgtg gngcagccct gttggcagtg ggcctctggg 120  
 tgtcaatcga tggggcatcc tttctgaaga tcttcggggc actgtcgtcc agtgccat 178

<210> 351  
 <211> 442  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(442)  
 <223> n = A,T,C or G

<400> 351  
tagctttttt gatgatccca tcgattcgcc gatttaaggc tgcaaggaag gagtcctggt 60  
attttgtttt ttcttgagca aagccgtttt cttcagagct gcggcagaaa cggttgaaga 120  
cgctggactg cgggcagggg gcagtgcgag ccgtacgatt taatgtggat ggcaattact 180  
gcctgacgtg cggcagtgac aagacgctga atctgtggaa cccgcttcgg gggacgctgc 240  
tgccggacgta cagcggccac ggctacgagg tgctggatgc ggccggctcc tttgacaaca 300  
gtagtctctg ctccggcggc ggggacaagg cggnggttct gtgggatgtg gcatcagggc 360  
aggtcgtgcg caaattccgg ggccacgcag ggaaggtgaa cacggtgcag tttaatgaag 420  
aggccacagg tattctgtcc cg 442

<210> 352  
<211> 413  
<212> DNA  
<213> Homo sapiens

<400> 352  
cgttgctgtc ggtccctttc catcctcttc tccctgcttc cctcccagcc tctggcaacc 60  
actattgtct tttatacttc catgagatca gcttttaaat tccataaatg agtgagataa 120  
tgtgatactt gtctttctgt gtatagctta tttcacttca cataagtcct tcaagttcat 180  
ccatgttgga ctaaataaca gaatttcttt ttttttttaa ggacaaaaaa tatccgaaac 240  
aaagccaacc aatccatgac ccaaagttgg tgctattata tttccattga gaggggatta 300  
tctcaaagtc taggttaagt ccttggtcca aattaaaatc tgaaattgga aggggtggat 360  
aacaactaga aatatagtgg aaaagaagct cctaatatgg actccattca tgg 413

<210> 353  
<211> 167  
<212> DNA  
<213> Homo sapiens

<400> 353  
aaagcacatt tcacttatat gtccagtatc cccaatatct atgactttta aagtcctgca 60  
gaacaaaggc tattaccgag tgctcagtgc ctgttcttga gatgcttcac attgtggcag 120  
tctcagaaat aaacgttttt taactgagag cttttgttta ccatgag 167

<210> 354  
<211> 238  
<212> DNA  
<213> Homo sapiens

<400> 354  
gatcatacaa tctagtagcc tgtagaata tggagtatga cagacagatt ctggaagtca 60  
cattattagt atcaaccttt agtgtttgtt tttatagaca ctgacctaca tataaataag 120  
attgtgaaat ttgaaagaag tacaaaaaca taaccataa tcaaaagaga ataagatcaa 180  
tagaagaata ttttgaaata atcaaacc aaatttaaaa taactatgca aaatatta 238

<210> 355  
<211> 374  
<212> DNA  
<213> Homo sapiens

<400> 355  
tgtcgcgcaa gctggagtgc agtggcatga tctcagctca ctgcaacctc cacttcccag 60  
gttcaagcca ttctcctgcc tcggcctccc aagtagctgg aattacaggc atcctgccac 120  
cacatctggc taatttttgt atttttaata gagatggggc gtcaacatct agaccaaggg 180  
tgctcttgat catcgaaat actgtgagcc gtcgacaatg tgctcccagt gtgatgctat 240  
tattttataa atccaaggct aagtataata attaggctta gaacacaata acacctctgg 300  
ccaaagtatc gtaaccccc actttactaa taatctcttc agtttacaga tgagccggtc 360



ctaatatocg gttc

374

<210> 356

<211> 131

<212> DNA

<213> Homo sapiens

<400> 356

ttcggctgtg	aaatgacaac	agatgggtgtc	gggtgcgata	tgacgaccga	atgggttaccg	60
ctgctataac	acgaccctaa	gtggatcggg	ttgcgggaaa	ttcgactgca	cagggggctg	120
gcgtttgact	g					131

<210> 357

<211> 226

<212> DNA

<213> Homo sapiens

<400> 357

aaatacattt	tattttgtta	acatttaaga	aatctagttg	cttcatgttg	ataatcaa	60
aaataaacct	accaattagg	gctttaacat	ttgttatgga	acatgggtaca	cattcccatt	120
gagggtttaat	tgtaagggtt	tgtttgacac	attttaagtg	tttagactga	aatcttcacg	180
gtttggaaat	cattgtactt	ctagcactgg	cagaagacat	gtaaat		226

<210> 358

<211> 414

<212> DNA

<213> Homo sapiens

<400> 358

cgttgctgtc	gaatcagcta	agggattgta	atttttaatt	cttttgaaaa	ataaatattg	60
tatttaaaag	acgttatattc	acagaagcta	acaaagagac	cttagataac	atttgtttgg	120
ttagccacac	ggttgagcac	aaaacaatgt	gtagatgtgt	tgaagattag	ggcaggaggc	180
tcaacttctc	ggtgaccttt	ttttgcttca	caacaagcca	attatagttg	aatcattttc	240
tctcttagct	agttgttact	acaaacttta	taagaaaaac	aactagacac	cttctagttt	300
taattaatac	caactccttt	agagtttagag	acttttttaa	aagaatcatt	aagcatattt	360
tctttttttt	tttttaaaaa	ttaacactct	ttaggccttc	tatttttccg	tggt	414

<210> 359

<211> 406

<212> DNA

<213> Homo sapiens

<400> 359

cgttgctgtc	gaatcagcta	agggattgta	atttttaatt	cttttgaaaa	ataaatattg	60
tatttaaaag	acgttatattc	acagaagcta	acaaagagac	cttagataac	atttgtttgg	120
ttagccacac	ggttgagcac	aaaacaatgt	gtagatgtgt	tgaagattag	ggcaggaggc	180
tcaacttctc	ggtgaccttt	ttttgcttca	caacaagcca	attatagttg	aatcattttc	240
tctcttagct	agttgttact	acaaacttta	taagaaaaac	aactagacac	cttctagttt	300
taattaatac	caactccttt	agagtttagag	acttttttaa	aagaatcatt	aagcatattt	360
tctttttttt	tttttaaaaa	ttaacactct	ttaggccttc	aatttt		406

<210> 360

<211> 400

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(400)  
 <223> n = A,T,C or G

<400> 360  
 cgttgctgtc gctgaaatac catcagagggc ccaggagggg ctagttgtaa ctggcaaata 60  
 tagtaaatta atttgctctg gttgataggt agcaagcagg gtttatatac attgtcacct 120  
 acttttccag ttaacaggag agactggaga ttttatgaaa tttgatattt aaatgttggt 180  
 aactgggttg ggcaccatgg ctcacacctc taatcccagc acttcgggag gctgaggcgg 240  
 gtggagcacc tgaggtcagg agttaagac catcctgacc agcctggtga aacacagtct 300  
 ctaataaaga taaaaaatt aggccgggtg tgggtggctca tgctgtaat ccagcactt 360  
 tggggaggcc aagggtggcg gatcacctga gtcaggagtn 400

<210> 361  
 <211> 409  
 <212> DNA  
 <213> Homo sapiens

<400> 361  
 cgttgctgtc gcaaggatct ccattctccc tgtctggata cttctttggc agagatatgt 60  
 cctttaggaa aaaatctcag ctctaaagtt aattcagaca gcggtattcc aggactagca 120  
 gccagtgcct tacttgtgag tcacgggtgct tacatcagaa gcctgtttga ctattttctg 180  
 actgacctta tgtgtgcctt accagccact ctgagcatat atgaacgtat gtcagttact 240  
 cccaatacag ggatgagtct ctctatcata cactttcgtg acggaatgag aagttaaacc 300  
 aacggttcag tgtattcgta tgaacctaca ggatcatcga aatggactga ctgatactcg 360  
 ctgcgataaa atctgcatca ctatctaacc attttgagcc tctgaaggg 409

<210> 362  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(386)  
 <223> n = A,T,C or G

<400> 362  
 atttcagatg gatagtagtt caggtacatt actggtacag tgtgctcaaa cgttttcccc 60  
 atgattacta gggtcttctg atatctggct tagaaacaca gccatcattt ataaatctgt 120  
 gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt gtgtgtttct tttaatggga gaatgtgatc 180  
 agagttctaa aaaactgaaa taaaagtgcg tttttagaat atgacttatt ttgtaaattt 240  
 tagatagatt atagagtgc tactataccc tttttcagag cagaggaaga gaaccattt 300  
 aggcacccgt ttaaaggaga tttggtgtga tgttcttagg gtcttttatc tgaaagatga 360  
 actgcggctc tgtctattat agatan 386

<210> 363  
 <211> 406  
 <212> DNA  
 <213> Homo sapiens

<400> 363  
 cgttgctgtc gcagggtttt gctttgtctc ccaggctgga gtgcagtgat acaatcatag 60  
 ctaactgcaa cctccgcctc ctgggctcaa gcaatcctcc cacctcagcc tccccagtag 120  
 ctgggatcac aggcattgtg gaacatgcct ggctaagttt tcatattttt ttgtagagaa 180  
 ggggtttcgt catgttgccc aggcctggact cgaactcctg ggctgaagag acctgcctac 240  
 ctctgcctcc caaagtgcct ggattacagg catgagccac ccagagccaa ggtctcagtc 300

ttttagttag	cttgtttatg	gatttttgaac	tatatcctgt	ttctcagcgc	ctcacccecca	360
ggatggcttg	aatgacctgt	agttgggtat	ttcccttacc	tcattgt		406

<210> 364  
 <211> 376  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(376)  
 <223> n = A,T,C or G

<400> 364						
gtgctgcatg	tttaaagtat	tccctctgtt	ttacttcatg	atagttggcc	cctttcaggt	60
tataacacgg	acatttttct	atgggttttca	ttatttgcac	atgccaacag	agtagaatag	120
atttttaacg	agcatcactt	cattgcaagc	aaatttatta	atccagtggg	actgatgaaa	180
ctaaggagct	ctttggggtc	aggctcgatg	gctcacgcct	gtaattcttg	cactttggga	240
ggctgaggcg	ggtggatcac	aaggtcagga	gttcaagacc	agcctggcca	agatggtgaa	300
accctgtctt	tactaaaaat	acaaaaaaat	tagccgggca	tgggtggcggg	tgcctgtaat	360
ctcagctact	cgggan					376

<210> 365  
 <211> 140  
 <212> DNA  
 <213> Homo sapiens

<400> 365						
tactgctgcg	agatgacgac	acatgggtac	ggttggtaga	ttacgactga	atggtactgt	60
tgcgtatctt	acaccttaat	ggctcgtgct	gtggtgaata	ctactctaca	gggaacctgt	120
tggcgtatat	tcctcagatg					140

<210> 366  
 <211> 137  
 <212> DNA  
 <213> Homo sapiens

<400> 366						
tgggtacggg	tgctataaga	cgacaaattg	gttcggttgt	gtttagatga	cagatggggt	60
cgtgttggtg	attaatctca	ccaatgtttt	cttggtgttt	tatactgacg	taatgatcat	120
tttttcgggt	atctgcg					137

<210> 367  
 <211> 398  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(398)  
 <223> n = A,T,C or G

<400> 367						
cggttgcgtc	ggggagatcg	gaagattttt	tctctatctg	gactctgctg	gtgtgcctgt	60
tgactggcac	tgggggaaag	tcgtctgaaa	ctggggcctc	agtttcttaa	ggaggttggg	120
ttgaatcaca	atcttcaa	atagggggat	ctgaggggtac	aaaaagggtc	tgtgcacctc	180
ctgaaatagt	atataccatt	gtgtgtgtga	gcaaaaatgt	attccaaccc	ttcccacgcc	240

cgctcgaggt ccacagtttc catcagatta tcagtaaata ggataccaaa tgtagtgaaa	300
agttaccatt acatgccagg cgcggtggct cacgcctata atcccagcac tttgggatac	360
tgagggcggc agatcacttg aggtcaggag atcaaaan	398

<210> 368  
 <211> 209  
 <212> DNA  
 <213> Homo sapiens

<400> 368	
aaatacatatt tatttttgta acatttaaga aatctagttg cttcatgttg ataatacagat	60
aaataaacct accaattagg gctttaacat ttgttatgga acatgggtaca cattcccatt	120
gaggtttaat tggttaagggtt tggttgacac attttaagtg gttagactga aatcttcacg	180
gtttggaaat cattgtactt ctgacactg	209

<210> 369  
 <211> 405  
 <212> DNA  
 <213> Homo sapiens

<400> 369	
tgactatggt ttatctacac taaaaccctt gcagttccca atctgctcgt tgtagtttaa	60
aactttcacg cttcgtaaat gtcactgcct ctgtcatctt tgaaaagacg atagttttgt	120
gctgctgaa catatatgaa atgcatgcaa aaagagtttg ttgaaactct ttgttacgac	180
ttgctcttcc cgcttcacat tctacctggc ctctaattta atattaattg gtttggaaat	240
cagagtcaac aaaaagaccc acaagactta atgggggtccc atcagtcacg ataatttgat	300
ttgaaagggt gaaagcgggc agcactgtca ttcatagccca aacagtccta ttgagagggtc	360
ttggactatc atgccagctg tcagaccact ccatgcactg ggtgg	405

<210> 370  
 <211> 398  
 <212> DNA  
 <213> Homo sapiens

<400> 370	
cgttgtgtgc ggttcaggtc actgaaagca aggaaagcct gataaactgc cacggccacg	60
aggagtctaa ggacacatcc aatttccatt cgcattccaaa atggaatccg agacagaaag	120
aggaccttag cttcatatc tgtttttttc ttatgaagct tcttctggtt ggaaacttgt	180
caaatttcat caggttaagaa gtgctaaagt gaacctgtaa actttgtttc aaaaaacaaa	240
aaccgaagtt taagaaatct aaagatgggtg tcagccttag acagatctct ggactgtaat	300
ctgggaaagg tcaaataaga tctccaatcg tgtacaattc caaatacatt tgagagcagt	360
gggtctgaaa atgtggttcc cagaccagca gcatcaat	398

<210> 371  
 <211> 325  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(325)  
 <223> n = A,T,C or G

<400> 371	
gagtgtgact cttaaaggca agagcatgta tattatgccca aagcagcctg aaatatatta	60
ttcacagaca gacagacaat gcttgactcc ctgctaattc gaaatacttc gtggggaggg	120
ccagggaat cacaacaaaa tttcagaagt agaattgagct atttggtgta tgtctcccag	180

gccataaat	aacacgaagg	aagaataaat	ttctttgcta	accacacgaa	ggagaaatac	240
acttttttgc	tctaaaatat	tttccaatta	tctccacgac	actggaggga	aggactatca	300
ncnngtacat	naatgtgagg	aagg				325

<210> 372  
 <211> 405  
 <212> DNA  
 <213> Homo sapiens

<400> 372						
cgttgctgtc	gcattggagtc	ttgttttgat	gatgacagtt	ttctgtaact	acagcttgga	60
aactatgcaa	atgggtctaga	ttcctcatag	ctcacatgat	aggatatagg	tagtgatgac	120
attttgcctc	tcttggtgga	acacacactt	caaggaggag	atagtgactt	tgagatagga	180
acagtttaag	atgcagtgtg	agtctggcct	gcgtgcggtg	aggaggcccc	gccaagagac	240
tggtggacat	ctgactgtgg	gatgtgctct	caagtaggac	gtcatcagga	cagattctga	300
ataggcatca	tgagagtgtc	ggtcagaaac	ggctgccact	ttttttaatt	taattttatt	360
ttttatttaa	aggaaggaaa	catagctagg	taagattttt	atcac		405

<210> 373  
 <211> 403  
 <212> DNA  
 <213> Homo sapiens

<400> 373						
catcgattcg	aattccgttg	ctgtcgctta	gtcttcatac	tgttttaaat	gcttattttac	60
ttatccttat	tccccattta	ggctctaagc	actaagtggg	tactgcaagt	gtcaaaaaat	120
tttggttgct	agaaaatagta	gtgttaagtc	aatgagaaat	ggtcttaaaa	tatagacca	180
gggcagatct	tttccacact	cagtacaatg	agctgtcatg	tgcttactt	gactgggaat	240
ctatcacaaa	tacatgtgca	gacattttcta	gtttagataa	cattaaaaaa	acatttagcg	300
aacagtatgt	attctgtctc	ctccttatac	atcttgca	acattaagga	tttccagttt	360
tcctttccct	caaacagttg	cagaaagtca	gtataagagt	gtt		403

<210> 374  
 <211> 371  
 <212> DNA  
 <213> Homo sapiens

<400> 374						
gagatttggt	acgtatttta	gacatcttct	aagtaactcc	acagaagact	ctcaaaacaa	60
aagcgtgacc	tcaacctgcc	tataggtgcc	ctagtggaga	atgcttgata	ccagggtgaca	120
acccccacgc	gccccaatag	tgcaagaaca	aagtggaggc	cagagaaggg	gctggtagtt	180
tcttcttagt	tctcagaagg	cttatctgat	gatccactca	cctctccttc	caccttaagg	240
gaagaatgga	agataataag	caaaacttct	agaaagagca	attagccctt	caacttctaa	300
tatccagggtg	ggtcagttcc	cagtgaagga	ggtaagtggg	caatggtaag	ctgtgccaca	360
caccaagtat	g					371

<210> 375  
 <211> 420  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(420)  
 <223> n = A,T,C or G

<400> 375

tgagtgtggg	gccctgcgtg	acagccctgc	ccctgagtat	ctaattgtgtg	cgttgacagc	60
cctgccccctg	agtatctaata	gtgtgogtga	cagccctgcc	cctgagtatc	taatgtgact	120
ggctgtttgtc	tcccgggata	tcttccaaga	gacagaataa	cctggatctg	aggataaatg	180
ccaggaggaa	gggagaatgt	atccatgggt	cccattctcca	ttagtcaaag	gtacctctac	240
agtgccttca	cagcccaggc	ctgactgcgc	ctagcggctc	ctcagcgttt	caggctcagc	300
agcagcaggg	acaccacaag	tggccaggta	cagcctggaa	cccctcccag	ggctggccct	360
agagggcaggt	aaagtgagga	gcaccttaca	tggtgcataa	naagtgtcca	atgccagtgc	420

<210> 376

<211> 417

<212> DNA

<213> Homo sapiens

<400> 376

ggcacgggag	gtttcagcga	gctgagatca	caccactgca	ctccagcctt	ggtgacagag	60
tgagactctg	tctcaaaaaa	aaaaaaaaaa	aaaaagcccc	ccccctttat	tattataagg	120
gggcctttttg	ggataagccc	aaacccaaaa	aaaatccggg	gggggggggca	ccccccccct	180
gggaattttt	taaaaaaaaa	tgtttttttc	ggaccttggt	ggggggggccc	cctttttttg	240
tcaccgttaa	taggggggaa	aaaaggtgtt	aattacaaaa	agggactttt	tttttttttg	300
gggccttggg	ggaggggggg	gggagtttat	tcatgtcccc	tttttcttcc	cagaagagga	360
atatttcccc	cgctcagaaa	gggaatcctg	cgccttttta	tgccctgggg	ggtttttg	417

<210> 377

<211> 375

<212> DNA

<213> Homo sapiens

<400> 377

gatttgtggt	gagattctct	cccaggccac	aagacatttc	ctgctcggaa	ccttgtttac	60
taattgtaag	tacttttaca	gtaagaactt	gttttataaa	cttagcattc	aaaaaaaaaa	120
agcttttttt	aaaagaaatt	ggattttctt	gtttttttct	tagcagggtta	tattttgagt	180
ttcagctaaa	agactaaggt	tttcttatct	aatggcttta	aatttatata	tttaggcaaa	240
ttcaacaatt	ttttgctaag	cattttgcca	aatgccaggc	ttttcaaaga	agggtaagat	300
cccacccttg	aatcctcctc	aattgctgct	ttttgcagaa	aacacatatt	atacattgta	360
tttagaaaaca	tgaag					375

<210> 378

<211> 164

<212> DNA

<213> Homo sapiens

<400> 378

agtaaaaaca	aatcaagac	taagagagga	ggaattagaa	tgagactcat	gtaccctcct	60
tccccactcc	aggggaagga	gagactgttt	gggaatgcc	tcccactact	tccagggcag	120
aggctgtgca	gaagagcctt	ggagaatctg	cagcccactg	atgg		164

<210> 379

<211> 239

<212> DNA

<213> Homo sapiens

<400> 379

atgccctctc	cccatgaaga	atcactctga	attcttcacc	actgatgctt	tccatccgga	60
ggtgaaacgg	cccagacacc	ctgtcccctc	ccctctctca	ctcctcttac	aggcacagt	120
cggccctcgc	atgaactccc	cgctgacccc	tgccccctgc	ctgatctcta	tcccacgctc	180
ctctctgcgt	cttctgccta	cctaccgccc	tctcttctca	atccgcgcgc	cgcttcccc	239

<210> 380  
 <211> 406  
 <212> DNA  
 <213> Homo sapiens

<400> 380  
 gaaggaatgt gggcaagggtt ttgaacttga ttgttcttga agctatcaga ccacatcgag 60  
 gctcagcagt catccgtggg catttggttt caacaaagaa acctaacatc ctactctgga 120  
 aactgatctc ggagttaagg cgaattgttc aagaacacaa actacatcgc actcgtcagt 180  
 tgtcagttct ggggcatgac tttagcgttt tgtttctgcg agaacataac gatcactcat 240  
 ttttatgtcc cacgtgtgtg tgtccgcac tttctgggtca acattgtttt aactagtcac 300  
 tcattagcgt tttcaatagg gctcttaagt ccagtagatt acgggtagtc agttgacgaa 360  
 gatctggttt acaagaacta attaaatgtt tcattgcatt tttgag 406

<210> 381  
 <211> 406  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(406)  
 <223> n = A,T,C or G

<400> 381  
 cgttgctgtc gcttgggcaa aagttcagtt aatagtgtg ttctgaaaga tagggttaat 60  
 aaacaatttg ttggagaaac acaaagcagg actttcccag taaaatcaca gcaactctct 120  
 agaggagcag atcttgcaag accaggagta aaaccctcaa ggacgggttc ctctcacttt 180  
 attcggaccc ttagtaaagt tcagtcacaa aagaaaccag tagtcaagaa catcaaagat 240  
 ataaagggtta ataggagtca atatgaaaga ccagatgaaa ctaagatacg gtcataccct 300  
 gttactgaac agagagtga gcacaccana cccagaacat accccagttt gcttcagggt 360  
 gaatataaca acagacatcc aaacatcaag caagatcaga agtcen 406

<210> 382  
 <211> 186  
 <212> DNA  
 <213> Homo sapiens

<400> 382  
 caacgcgtct ctgttctggc tacatagggg ggcgcttttt ttttttttcc ccacatgggt 60  
 tactgctctt tttgtgtagt tggttaaaac cctgttctt tgttgggtct ggataaggac 120  
 gccctctctg tttggatgct tgtggcgctc tacggcggtt ttgttttggc gagccctttt 180  
 atatgg 186

<210> 383  
 <211> 411  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(411)  
 <223> n = A,T,C or G

<400> 383  
 cgttgctgtc ggaattgaag cccagggtgg tgtccaatgc cagaccatgg atcatcagcc 60  
 tgggacacca aagtgccaca ctctcagagt gaggatgac ctcaggaagt cagctctacc 120

accctccaca	ccaggaagtg	caagcagact	cacctcatga	ttgagcagaa	taagagaatc	180
cttgagaagt	cataagtttg	catggatttg	cagcacaagt	tcaaacaact	agatggcacc	240
aaatccctca	atztatgaag	acattttaacg	tggtacccaa	ttggaaacgc	ctcatggcag	300
aaacaaacat	aaatcctttc	tagaaggttg	ccttggtccaa	gtggtttccca	aaccagtttt	360
tttagggaaa	atgcacagct	tactataaaa	aaattttaac	ctaaacttgg	n	411

<210> 384

<211> 354

<212> DNA

<213> Homo sapiens

<400> 384

ctgggaatac	aactgtttcca	gcaaaagggc	cctgtgtcttg	ggaaggccca	cgctgaggag	60
gggaggatgg	cccgacctta	ggggacatag	tcagagacta	tgctttcaag	cctccatggc	120
ctcccttgca	cggcagagaa	gagggatatag	aaagtatgga	cagggagccc	agtggagacg	180
gagctggcca	gccaggaagg	acctatgtat	tctgggcagg	aaggtgagaa	gggctcccta	240
ctccaggcct	gccaggccg	tctcctgctc	caagctccgc	tagctgcccc	gggctacgct	300
agctgccctg	ttgcccgcac	caccacgttc	cctgggcgct	gcgggaggga	aacg	354

<210> 385

<211> 381

<212> DNA

<213> Homo sapiens

<400> 385

tgctcagcc	tctcgagtag	ttgagactac	aggtgcccac	caccatgcgt	ggctaatttt	60
tgtattttta	atagagacgg	ggttttacca	tactggccag	gttggctctg	aactcctgac	120
cttggtggcct	gctgcctcg	gcctcccaaa	gtgttgggat	tacaggcgtg	agccaccatg	180
cctggactaa	gagtgtgtgt	gtgagtatga	ctttctcaat	tcgctctcc	cctccccctc	240
cttattgctg	catcagggta	gtctttccgt	aagacacgtc	gcaatcaagg	cggtcagatc	300
ctagacatcc	tttcttcctt	agggcgctca	gctcattgca	ttaacacgac	tatctgtttt	360
ttatctacgg	tgctagacc	g				381

<210> 386

<211> 398

<212> DNA

<213> Homo sapiens

<400> 386

ggcacgagac	aaaatgggtt	caccaggctt	gtttacaacg	ctgggtggat	gaaaagcaaa	60
gaggaaacag	tacagccaga	gtggcatgtc	ctcagtgcac	tgctgaatac	ctaatagttt	120
ttccaaaatt	gggtccagtg	gtttacgtct	tggtatcttg	agatagactg	atctcaaaag	180
cctgtccatt	tgctgcagca	ggaataatgg	tcggctctat	ctattggaca	gctgtgactt	240
atggagcagt	gacagtgatg	cagggtttag	gtcataaaga	aggtctggat	gttatggaga	300
gagctgatcc	tttattcctt	ttaattggac	ttcctactat	tcctgtcatg	ctgatattag	360
gcaagatgat	tccttgggag	gacttatgtg	cttagact			398

<210> 387

<211> 383

<212> DNA

<213> Homo sapiens

<400> 387

gatttgtggt	gagattctct	cccaggccac	aagacatttc	ctgctcggaa	ccttgtttac	60
taattgtaag	tactttacaa	gtaagaactt	gttttaaaaa	cttagcattc	aaaaaaaaaa	120
agcttttttt	aaaagtaatt	ggattttctg	gtttttttct	taccaggtta	tatttttgagt	180
ttcagctaaa	aaactaagg	tttcttatct	aatggcttta	aatttataca	ttaagccaaa	240



ttcaccat	ttt	gttaag	cattttgcca	aatgccaggc	ttttcaaagt	agggaaagat	300
cccagccttg	aatcctcatc	aattgctgct	ttttgcagca	aacacatatt	atacattgta		360
tttaggaaca	gggatcatta	atg					383

<210> 388  
 <211> 405  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(405)  
 <223> n = A,T,C or G

<400> 388							
cg	tt	gct	gtc	gg	ttttatct	acactataac	60
gt	aaa	act	ttt	cac	gcttcga	tgatgtcact	120
gt	gt	gcct	g	tg	aaatgc	gc	180
ca	act	gt	ctc	ttt	cgccttc	acattctacc	240
aa	at	ca	gaga	cac	caaaaag	acccacaaga	300
tg	att	tg	aaa	gg	ctg	aaaagc	360
gg	aa	at	gg	ac	tattaggacc	agctggcaaa	405

<210> 389  
 <211> 405  
 <212> DNA  
 <213> Homo sapiens

<400> 389							
cg	tt	gct	gtc	gg	aggaagga	agcctgcaga	60
agg	tgc	cg	ggg	ac	gctggg	tg	120
aag	aa	acc	ag	ag	cctggg	ag	180
cag	at	ataat	gt	ag	ctgaga	ttgtgattca	240
tg	gt	aaaaaac	ct	ca	ccaaga	atgatcttta	300
gat	ct	acatg	ag	ag	ccttac	aaatagtata	360
gcc	agt	gaac	tct	ga	agtca	tgtatccaca	405

<210> 390  
 <211> 402  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(402)  
 <223> n = A,T,C or G

<400> 390							
cg	tt	gct	gtc	gt	caggacac	cgggagtgga	60
ct	g	caaaaac	cc	ggcatcgc	agggcaagag	ttgttccagc	120
cag	cg	gggtct	tg	accaaggg	attccaagag	agaggattag	180
gc	ag	ctgtg	g	aaaaaggaga	gacaatcatc	aggcacgatg	240
g	aaa	agaga	ag	aaaggaaa	attgtgcagg	atgctacgtt	300
tt	gag	gcaat	aaa	atacggga	atatttgatt	aacgtaatcc	360
tc	ggg	aggaa	g	aaaggactg	ggacacaggc	gatgggccta	402

<210> 391

<211> 417  
 <212> DNA  
 <213> Homo sapiens

<400> 391  
 cgttgctgtc gggaggctga agtgggagga tcctttgaac ccaagagttt gaggctgcag 60  
 caagccatga tcacaccact gcaactccagc ctgggtgaca gagtaagacc ctgtctcaaa 120  
 ctttttttaa aatgaaagaa tccaaccttt ttttactctg acctgcgaga gtgcagaggg 180  
 tctggggaac atttgcagaa gcaacaggta ccagccagtg ctggaaggag ctcaccctgg 240  
 gaggtctcgt cagcctctgt ccttcatggc tgteccctgt gtcccatgtg gagagccctt 300  
 cctccctttc cacatggtaa gcaactgagcc caatttcttc tcacccacaca gatgggtccct 360  
 cagagcagag atgtctaataa aaaggttcag attcagatca ctaactttcc atcttcc 417

<210> 392  
 <211> 405  
 <212> DNA  
 <213> Homo sapiens

<400> 392  
 cggcacgagg agacaggact acgcgcctgg agtaggagaa ggaggaaaaa agagaccata 60  
 gacttgcata ctggcctaga gcggccctta aagtgccagg gagaggaggg cggtggggga 120  
 ccaactccaga attggcgcgt ggcggtatca tggcgaccog gaacccccct cccaagact 180  
 atgaaagtga tgacgactct tatgaagtgt tggatttaac tgagtatgca agaagacacc 240  
 agtgggtgaa tgcagtgttt ggccacagtt cgggacctat ggtagaaaaa tactcagtag 300  
 ctaccagat tgtaatgggt ggcgttactg gctgggtgtgc aggatttctg ttccagaaag 360  
 ttggaaaact tgcagcaact gcagtaggtg gtggctttct tcttc 405

<210> 393  
 <211> 421  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(421)  
 <223> n = A,T,C or G

<400> 393  
 atcgattcga attccgttgc tgtcgcagca ccattatttg ggtctttcag ggtggccatc 60  
 tctgttagaa gacagtagca tgtaaactc actgcattga gtttttgtct ggtgtaaaga 120  
 atgactttta atgtaaaca actgcaggtt tttttcaaac taattttaag aatttagtct 180  
 tatttcgttg taaactgcgg atctaattat attacattac tctgttcaga tgggatggat 240  
 actaccactt gtccatgatt ttcatttgaa aagcaaggat ctatatcatt tccccccaga 300  
 cagcattatt taacactccc cttaactgtg tttgaaactt ctottttaac acaaagtca 360  
 cgtctttaca gttgtaatat caccatgttt cccattgctg ataatactta tatgaacccc 420  
 n 421

<210> 394  
 <211> 418  
 <212> DNA  
 <213> Homo sapiens

<400> 394  
 ggcacgagcc aacctgggca gctgcaatga ctctaaactg gagttcagga gtttctggga 60  
 gctgattgga gaagcggcca agagtgtgaa gctggagagg cctgtccggg ggcactgaga 120  
 actccctctg gaattcttgg ggggtgttgg ggagagactg tgggcctgga aataaaactt 180  
 gtctcctcta ccaccacct gtaccctagc ctgcacctgt ccacatctct gcaaagttca 240

gcttccttcc	ccaggtctct	gtgcactctg	tcttggatgc	tctggggagc	tcatgggtgg	300
aggagtctcc	accagaggga	ggctcagggg	actggttggg	ccagggatga	atatttgagg	360
gataaaaatt	gtgtaagagc	caaagaattg	gtagtagggg	gagaacagag	aggagctg	418

<210> 395  
 <211> 404  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(404)  
 <223> n = A,T,C or G

<400> 395						
tcgaattccg	ttgctgtcgg	gggtttcatc	atgttgttca	tgctggtctt	gaactcctga	60
cctcaggtga	tccatcttcc	tcagcctccc	aaagtgctgg	gattacaggc	gtgagccgcc	120
acgtccggct	aacaagtact	tttttatttt	tattttattt	tttggatgga	gtctcactct	180
gtcgccact	gcactctagt	ctgggtgaca	gagcaagact	ccatctcaaa	aaaaaaaaaa	240
aaaaaatttt	ggtaacctta	gggggtttaaa	aacaacaaaa	ttcatttcca	ttttggaggg	300
tggaaccccc	aaaataaagc	ccccagaaaa	gccacctctt	ttttgagagg	ggagggggccc	360
catggaaggg	ttggcccttg	ccottgagcc	cggatgaacc	cccn		404

<210> 396  
 <211> 403  
 <212> DNA  
 <213> Homo sapiens

<400> 396						
tcgaattccg	ttgctgtcgg	gaggatactt	tctgttcccc	tggttttggg	tttggcccacg	60
tggtttgtct	tggtccttga	atgaagcaga	aacgaaaggc	tgccagttcc	gagcccacgt	120
ctgaagtgc	cttaggtggg	tccgcggggc	ccgtgcgctc	ccaccttcac	ccagagggcc	180
ttctctgggt	cagccgctgc	ttcttcagcc	tccgccccaa	aggaacggag	ccccctggcc	240
gatccgcagg	cctacagggg	gccacagagc	gcagcggctg	gaccagcggt	caagcccaag	300
cacaggcctg	cgagaacctt	gttcacagcc	ccgtttatga	tggttgatta	tgacgcgttg	360
cagtggcggt	agtcaccaa	tccagtgcgt	gcaccgcgtc	ctt		403

<210> 397  
 <211> 410  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(410)  
 <223> n = A,T,C or G

<400> 397						
cggttgcgtc	gcacttttagg	gattgtttaca	gtcactgttc	aatgtgcctt	cccatagagt	60
tctttcattc	ctttgtctcaa	caagaaaact	tggcaaagcc	tttaaataata	gaggcccttt	120
tttttttttt	ttttccccaa	aaaaaattct	aatgggggtg	cccggctggg	aggggagggc	180
cgaatcttga	gctagttgct	ccccccgacc	ccgaaatgaa	gggaattgcc	cggcttagca	240
ttcccagtg	acgggagaaa	gcggtgttac	ccccaccac	gctggaatga	tcgagtcgca	300
tggactgagc	ggtcagacgc	gggaagtaag	aggcaaccgg	agcaccatt	tggattacgt	360
aggtgctagt	ttttggccag	gaaccggaga	gaatgcggcc	tgcattgacn		410

<210> 398

<211> 420  
 <212> DNA  
 <213> Homo sapiens

<400> 398  
 ggcacgagaa tccttaaggg cgagttggca tggatcatct acaaaaattc tgtaagcata 60  
 attaaaggtg cagaatttca cgtgtcactg ctttcgattg cacagctatt tgactttgcc 120  
 aaagatctac aaaaagagat ttatgatgac cttcaggctc tacacacaga tgatcctctc 180  
 acttggggatt atgtgggaag gcgagaatta gagattgagt cacagacaga agagcagcct 240  
 acaacgaaac aagccaaagc agtggagggtc ggccggaagg aggagagggtg ctgtgctgtg 300  
 tatgaagagg cagtgaagac tctgccaaac gaggccatgt ggaagtgtta catcaccttt 360  
 tgcttggaaa gatttactaa gaagtcaaat agtgggttcc ttatagggaa gaggttggaa 420

<210> 399  
 <211> 400  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(400)  
 <223> n = A,T,C or G

<400> 399  
 cgttgctgtc gagaagttct tcgtcggcgc ctagcgacgc ccaacacctg tccaaacact 60  
 gcctgtctgaa gatgaagtct tactacagaa attaagagag gaatcaagag ctgtctttct 120  
 acaaagaaaa agcagagaaac tgtagataa tgaagaatta cagaacttat ggtttttctg 180  
 ggacaaacac cagacaccac ctatgattgg agaggaagcg atgatcaatt acgaaaactt 240  
 tttgaagggtt ggtgaaaagg ctggagcaaa gtgcaagcaa tttttcacag caaaagtctt 300  
 tgctaaactc cttcatacag attcatatgg aagaatttcc atcatgcagt tctttaatta 360  
 tgtcatgaga aaangttggc ttcatacaaac aagaatagga 400

<210> 400  
 <211> 423  
 <212> DNA  
 <213> Homo sapiens

<400> 400  
 ttccgaaaca agcccggctt ttggccgaag cggcctacgg ctgttataag acgactttaa 60  
 tgggtgggag agaattgttag cttttgaagc ttttttatgt agcgtctctc tctttttggt 120  
 gataccccag ggggtggctca cttgtattag agaattctta cagtccttag ggtttctgaa 180  
 cagatgtttt tcttccctta aatgggtgaag taccctacc tcttggccag gtggaagtgg 240  
 atgagtctgg accactggga tcagtgcagg gaagagccca gggaaaattt ctggggacat 300  
 agagccacat ttcagttttc ttcccaggga agaacagatt gtcaggacac tggatcccaa 360  
 tgagtgggac gtactaaatt cttagcaagt gcacattaaa attcagggtg ggagagaagg 420  
 ata 423

<210> 401  
 <211> 380  
 <212> DNA  
 <213> Homo sapiens

<400> 401  
 gcaataaatt gtaaaagaag cattcatatg cttctgttaa atccactgtc tttttttgag 60  
 acagaatttc gtacttggtg cgcaggctgg agtgcaatgg caccatcttg gtcacacctc 120  
 acctccgctt cccagggtca agcgattcta ctgcctcaat ctcttaataa tctcggcata 180  
 gaacactcat gccccgcccg ccaccttgac tcagttactg tccatatctc cctcagcctc 240

aacatacctg	ctctcccagt	tttaccacac	tcttacccca	ctcatctctt	cccaccacgt	300
cgtaccacag	caacaagaac	ccattctctc	ctgttcattc	cctcgactta	tccacgacaa	360
ctaatacacc	tgtattcccc					380

<210> 402  
 <211> 402  
 <212> DNA  
 <213> Homo sapiens

<400> 402	
cgttgctgtc	gccttccctca aagcatgggt gctgagtacc cagagttgcg aggagttttt 60
taactgattt	agccaggtgg caatcatgag tgaatggatg aagaaaggcc ccttagaatg 120
gcaagattac	atttacaaag aggtccgagt gacagccagt gagaagaatg agtataaagg 180
atgggtttta	actacagacc cagtctctgc caatattgtc cttgtgaact tccttgaaga 240
tggcagcatg	tctgtgaccg gaattatggg acatgctgtg cagactgttg aaactatgaa 300
tgaaggggac	catagagtga gggagaagct gatgcatttg ttcacgtctg gagactgcaa 360
agcatacagc	ccagaggatc tggaagagag aaagaacagc ct 402

<210> 403  
 <211> 400  
 <212> DNA  
 <213> Homo sapiens

<400> 403	
ggcacgcggg	tgccttctag cttataacca ttttccttgt ctcttctggg ttgggcagga 60
ctgacactcc	gaacctggcg gaagaagggt catcttctct gcacagtgtg gggtcttgga 120
gttcatccag	ggaaggcggc gcctctttct caggctctgc aggtgtgtct ctgagcctgc 180
ccccacgaac	tttctggatt ccaaggaggg atggtgagcc ctttgacctc tgcagaccct 240
ctactttgca	aaagcagcat tgaagcagcc ttttccatt gtagaaggga caggagtgca 300
gatcccttta	accccccggc tttcaggacc ccagaagtgc cttccaagct tcccccaaga 360
tccacatcac	ccacgaacct gccactgttt ttgctgtgcc 400

<210> 404  
 <211> 399  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(399)  
 <223> n = A,T,C or G

<400> 404	
ggcacgaggc	ccgctggggc actgcctgcg ggactgggag gatctacagc aggacttcca 60
gaacatccag	gagacccatc ggctctaccg cctgaagctg gaggagctga ccaaacttca 120
gaacaattgc	accagctcca tcacgcggca gaagaagcgg ctccaggagc tggccctcgc 180
cctgaagaaa	tgcaaacccct ccctcccagc agaggccgag ggggccgcac aggagctgga 240
gaaccagatg	aaagagcgcc aaggcctctt ctttgacatg gaggcctatt tgcctaagaa 300
gaatggattg	tacctgagcc tggttctggg gaacgtcaac gtcacgctcc tgagcaagca 360
ggctaagttt	gcctacaagg acgagtatga gaagttcan 399

<210> 405  
 <211> 408  
 <212> DNA  
 <213> Homo sapiens

<400> 405

cgttgctgtc	ggcaggggct	aggggtggag	gccagggttc	caaggaaaag	ggccgagggg	60
gftggggagg	ccgccaccac	caccaccacc	cactgcctgc	agcaggcttc	aaaaagcaac	120
agcgcaagtt	ccagtatggg	aattattgca	aatactatgg	gtaccgcaat	ccttcctgtg	180
aggatgggag	ccttcgggtg	ttgaagcctg	agtgggttcg	gggccgggac	gtcctacatc	240
tgggctgcaa	tgtggggccat	ctgaccctga	gcattgcctg	caagtggggc	ccgtcccgcg	300
tgggtgggct	ggatatcgat	tcccggctca	tccattctgc	ccgccaaaac	atccgacact	360
acctttccga	ggagctgctg	ctcccacccc	agactttgga	aggggacc		408

<210> 406  
 <211> 405  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(405)  
 <223> n = A,T,C or G

cgttgctgtc	ggcaggggct	aggggtggag	gccagggttc	caaggaaaag	ggccgagggg	60
gftggggagg	ccgccaccac	caccaccacc	cactgcctgc	agcaggcttc	aaaaagcaac	120
agcgcaagtt	ccagtatggg	aattattgca	aatactatgg	gtaccgcaat	ccttcctgtg	180
aggatgggag	ccttcgggtg	ttgaagcctg	agtgggttcg	gggccgggac	gtcctagatc	240
tgggctgcaa	tgtggggccat	ctgaccctga	gcattgcctg	caagtggggc	ccgtcccgcg	300
tgggtgggct	ggatatcgat	tcccggctca	tccattctgc	ccgccaaaac	atccgacact	360
acctttccga	ggagctgctg	ctcccacccc	agactttgga	aggggn		405

<210> 407  
 <211> 409  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(409)  
 <223> n = A,T,C or G

cgttgctgtc	ggcttcctag	ctaccaataa	tttgtctttg	tctcagcaac	taaaggccat	60
ttatgtggag	tatggctacc	atattactaa	agcttcctat	tttatctgcc	atgatcaaga	120
aaccattaag	aaattatttg	aaaacctcag	aaactacgat	ggaaaaaata	attatccaaa	180
agcttgtggc	aaatttgaaa	tttctgccat	tagggacctt	acaactggct	atgatgatag	240
ccaacctgat	aaaaaagctg	ttcttcccac	tagtaaaagc	agccaaatga	tcaccttcac	300
ctttgcta	ggaggcgtgg	ccaccatgcg	caccagtggg	acagagccca	naatcaagta	360
ctatgcagag	ctgtgtgccc	cacctgggaa	cagggatcct	gagcagctg		409

<210> 408  
 <211> 402  
 <212> DNA  
 <213> Homo sapiens

cgttgctgtc	ggaagagtta	gtagtagggt	atgaaacctc	tctaaaaagc	tgccgggttat	60
ttaaccccaa	tgatgatgga	aaggaggaa	caccaaccac	attactttgg	gtccagtact	120
acttggcaca	acattatgac	aaaattgggt	agccatctat	tgctttggag	tacataaata	180
ctgctattga	aagtacacct	acattaatag	aactctttct	cgtgaaagct	aaaatctata	240
agcatgctgg	aaatattaaa	gaagctgcaa	ggtggatgga	tgaggcccag	gccttgga	300

cagcagacag	atztatcaac	tccaaatgtg	caaaatacat	gctaaaagcc	aacctgatta	360
aagaagctga	agaaatgtgc	tcaaagtta	caagggaagg	aa		402

<210> 409  
 <211> 405  
 <212> DNA  
 <213> Homo sapiens

<400> 409						
cgttgctgtc	gccataatgc	aactggtagc	cacagagtac	ttattcattc	atttcccaga	60
tcatcatgaa	ggacacttaa	ctttgttgcg	aagctctttg	gtgaataata	gaactcaggc	120
caaggtagcg	gaggagctgg	gcatgcagga	gtacgccata	accaacgaca	agaccaagag	180
gcctgtggcg	cttcgcacca	agaccttggc	ggaccttttg	gaatcattta	ttgcagcgct	240
gtacattgat	aaggatttgg	aatatgttca	tactttcatg	aatgtctgct	tctttccacg	300
attgaaagag	ttcattttga	accaggattg	gaatgacccc	aaatcccagc	ttcagcagtg	360
ttgcttgaca	cttaggacag	aaggaaaaga	gccagacatt	cctct		405

<210> 410  
 <211> 411  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(411)  
 <223> n = A,T,C or G

<400> 410						
cgttgctgtc	ggcgggcgcg	gcctcctgct	ctttgtggat	gaagcggacg	ccttccttcg	60
gaagcggagcc	accgagaaga	taagcgagga	cctcagggcc	acactgaacg	ccttcctgta	120
ccgcacgggc	cagcacagca	acaagttcat	gctggctcctg	gccagcaacc	aaccagagca	180
gttcgactgg	gccatcaatg	accgcatcaa	tgagatggtc	cacttcgacc	tgccagggca	240
ggaggaacgg	gagcgccctg	tgagaatgta	ttttgacaag	tatgttctta	agccggccac	300
agaaggaaag	cagcgccctga	agctggccca	gtttgactac	gggaggaagt	gctcggaggt	360
cgctcggctg	acggagggca	tgtcggggcg	ggagatcgct	cagctggccg	n	411

<210> 411  
 <211> 360  
 <212> DNA  
 <213> Homo sapiens

<400> 411						
ggataagaaa	tattcagctt	ggtttctttg	gaagtatat	tggattaatg	ggtgtataca	60
tttatgatgg	agaactggta	tcaaagaatg	gattttttca	gggatataac	cgactgacct	120
ggatagtagt	tgttcttcag	gcacttggag	gccttgtaat	agctgctgtt	attaagtatg	180
cagataatat	tttaaaagga	tttgcaacct	ctttatcgat	aatattatca	acattgatct	240
cctatttttg	gcttcaagat	tttgtgccaa	ccagtgtctt	tttccttga	gccatccttg	300
taataacagc	tacttttttg	tatggttatg	atcccccac	ctgcagggaa	atccacttaa	360

<210> 412  
 <211> 405  
 <212> DNA  
 <213> Homo sapiens

<400> 412						
cgttgctgtc	gctggatcac	ggctgcta	ctggatgaag	cccatgggaa	cactcatatg	60
gtggagagga	tcattgaccg	agccatcacc	tcgctgcggg	ccaacggagg	ggatatcaac	120

cgggagcact	ggatccagga	tgcctacgaa	tgtgacaagg	ctgggagtgt	ggtcacctgc	180
catgccgata	tgcgtgccgt	gattgtgatt	gggattgagg	aggaagatcg	gaagcatacc	240
tgcattggagg	atgctgacag	tttgttaacc	cacaatgccc	tgggtgtgtgc	acgagccatc	300
tacgcctacg	ccctgcaggt	gttccccagc	aagaagagtg	tgtggctgcg	cgccgcgtac	360
ttctagaaga	accatggcac	tcgggagtcc	ctggaagcac	tcttg		405

<210> 413  
 <211> 400  
 <212> DNA  
 <213> Homo sapiens

<400> 413	
cgttgctgtc	ggggcatcag
cactgggacc	ccatccggga
agagaccgc	tgggcaggga
ccccggctgt	acgaagccga
caccaccacc	accaccaccc
cacctggacg	agcgggagcg
cactccgtgc	accccgctc
ccccctcccg	ggcggagagc
gcttcccgta	cccttctttc
gataccttacc	gagaacttga
cgctccaccg	gctctcgact
agcctcacga	ctacagccac
gggagcacga	gcggggaggc
actacgagca	cacgcggctc
cacctcccc	

<210> 414  
 <211> 399  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(399)  
 <223> n = A,T,C or G

<400> 414	
gagaagcaca	cctacacctc
atccggagag	agagccgtgc
aacatgaccc	cggcggtgca
aaatcagatc	ctgggaaaac
gcagccaaag	ccatcagttc
gagatggaca	gagcccacca
ctgcctcaga	agcagagcag
atgggatctt	gaggacatgg
gtgaaagggc	ctgtcatgtc
gggtgggatct	atgtcatcca
tcagtggcag	aatgaaagga
gaccgcttct	ataggaggca
catggtagca	cgcagccgga
aagaagctn	

<210> 415  
 <211> 348  
 <212> DNA  
 <213> Homo sapiens

<400> 415	
aaaggggtggg	agtggggcta
gggtgacagg	agcactaaaa
aaaaacgctt	ataccccaca
tttttttttg	aggctgtacg
ctaattttta	catacatact
tttcttctgt	caattaaatc
actatacagt	aagtataatg
cactgctata	taattcacc
gtatccctta	ggaataaca
ataaactcaa	aagggtttg
atttcacagg	gtagcacaag
taaactggaa	aatgaaag

<210> 416  
 <211> 360  
 <212> DNA  
 <213> Homo sapiens



<220>  
 <221> misc\_feature  
 <222> (1)...(360)  
 <223> n = A,T,C or G

<400> 416  
 atggcctttgg cctctgagtc tttccaagta gtggcgcttg tgggtctgcc ctccgcaaga 60  
 catctgtcgt gagtgtgact cttcttcaga tcagcaacag cagtcgttcc ctcccccgaa 120  
 ctcatctca agccagtcag taagactctc ttcaaaggga gttgtcctgt aagtcctggc 180  
 aaccgagtgg tgcagcttag gagtgcctgt atgcgtttta aaacggacag ctggccgggc 240  
 gcagtggctc acgcctgtaa tccaacact ttgggaggtc gaggcgggag gatcacttga 300  
 gggcaggagt tcaagaccag cctggccaac atagagaaac cctgtctcta cgaaaaaaan 360

<210> 417  
 <211> 344  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(344)  
 <223> n = A,T,C or G

<400> 417  
 gggaaatttg attattgata aatcatttga tattagttag aaattgttaa ttaagagtga 60  
 taatgacatt atgggttatgt aagaaagtgt ccataatttta gagatgctaa tagaaggatg 120  
 aagaaataaa atgatgtgac ttttgtgttt gcttaagtta ctttggtaaa gaaagaaata 180  
 ataaaaaac taaatgaagc atatttgttg aagatcattt gaccatatac acaagagttt 240  
 atttctgggc tctattttat tccattgggc tatttgtctg ttttcatgcc agcaactacac 300  
 tgttttgatt actatggcct tgtaatatgt ttgaaatca ggan 344

<210> 418  
 <211> 219  
 <212> DNA  
 <213> Homo sapiens

<400> 418  
 ttccttcaaa ttctgtctat atagtatttt agcaaaccta tgctagtaac attagaaaaa 60  
 aaataaattt actaaccaaa gactttatga aggtcataca tgaagaaatg ggtgttttag 120  
 taagaaacag aaatttctta agcttctcat tagatttctt tagatttttag ttcaaaatag 180  
 atttgagtga gtttatttct gatgcgttgc tttaccctg 219

<210> 419  
 <211> 344  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(344)  
 <223> n = A,T,C or G

<400> 419  
 gatgccttga gagtttctct ttgcacaatc tgtttgtctg tagagaagtg gcatccagag 60  
 ggcggtaggg gaggaaaaaa aaatgaagta atgggacaga gcagacacag gtaaagaggg 120  
 ccttaggtcc tcaggaaagg ggaaaggag ggatatggcc cttccctcca ggtcctcata 180  
 tttgttgccc cttgttcttg aacggaccca gaggcttgcc ttcagagggt tctaatttac 240

tctgtattcn	tgtgtggaaa	agcaagagggc	agcatgtcca	gtggactgtg	agactgagca	300
ctctaaagcc	agtaggggtca	agtcactggg	agcccactgg	cacc		344

<210> 420  
 <211> 353  
 <212> DNA  
 <213> Homo sapiens

<400> 420						
cagtacattg	ggcaaataat	gattacgatg	agaggcatga	cagtgaatgg	atgaaacgat	60
tctgtttttg	tttttttttt	ttcccccaaa	attgagtccc	ctcaattttt	ttcaccggtta	120
ttcacagact	tcaaaggctt	aattactgcc	tgtagatttt	aggagggttt	aaattttgcc	180
ccctatgttc	cttgaaaaca	ccgctcttta	aaaaaggggg	aaaaggccgg	gggcgggtggc	240
tcaaacctga	aatcccaacc	tttggggagg	ttgagtcagg	cggttcacaa	gggcgggaaa	300
cctacccttt	ttactaacgt	ggttaccccc	gctttactaa	actcccaata	ttg	353

<210> 421  
 <211> 381  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(381)  
 <223> n = A,T,C or G

<400> 421						
cgttgctgtc	ggatatgatg	ttttattcct	agcctttctt	caacacatgg	attcattctg	60
caaagcaggt	gagagaggag	gcagggtcagg	tctttactag	aaagccttac	ctgacaccag	120
atgctgtaga	gaaacccagt	ttctagaagg	ctgtcattgt	ccacaggtct	ggggagaact	180
ctttttttct	tgacatcttc	aacctctctc	atttggggaa	ttcacaattg	tgtaagtctt	240
gggtggaagac	aggatcctgt	ttctgggtcaa	ggaaaataca	aggtcagata	tggtgtctcc	300
ctgaacgttg	gtgtgtgaat	cagggttcct	cagagaaaaat	agaaccaata	ggggcttgtg	360
tgtgtgtgca	cgtgtgcacg	n				381

<210> 422  
 <211> 358  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(358)  
 <223> n = A,T,C or G

<400> 422						
ctaatacata	ggataaatac	ttgagggtgat	ggatacccta	tttaccctga	tgtgattatt	60
attcattgca	tgccgtgatg	aaaatatctc	atgaaaccat	aaatatatac	cctagtatct	120
acccatggaa	ataaaaaatta	aaaaaataat	aataattaaa	aaaacagtaa	agcagacatt	180
ataggggaagt	tttcaaaaaa	agaaactaaa	ataaggtaaa	ataacaaggg	ctcaatcttc	240
tgtttttgnt	cattttattca	cactgctgcc	taacataaaa	gaaatatacg	aacataaatg	300
ggaagaaatt	ccatccagaa	ctctatcata	tttacccttt	ttaaatcttg	gttaaaaa	358

<210> 423  
 <211> 356  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(356)  
 <223> n = A,T,C or G

<400> 423  
 ggaagaaatg catcactagg ggttgattcc caatctgac aactgataat ggggtgagaga 60  
 gcaggtaaga gccaaagtca ccttagtgga aagggttaaaa accagagcct ggaaaccaag 120  
 atgattgatt tgacaaggta ttttagtcta gttttatatg aacggttgta tcagggtaac 180  
 caactcgatt tgggatgaat cttagggcac caaagactaa gacagtatct ttaagattgc 240  
 tagggaaaag ggccctatgt gtcaggcctc tgagcccaag ccaagcatcg catccctgt 300  
 gatttgcacg tatacatcca gatggcctan agtaactgaa gatccacaaa agaagg 356

<210> 424  
 <211> 356  
 <212> DNA  
 <213> Homo sapiens

<400> 424  
 tactgtcatt tgtgcatatg tagttacatt ttccctggaaa gacctctctg tcttttcaaa 60  
 ttgttatgtt ccttgaagac ccaattcaaa attaaccttg ttggtgtgaaa aatttctttg 120  
 ccattcctta gaaggaataa ttattcctga cataacttaat atttgatatg tattactatt 180  
 ttatcgctac ctttggtatc ttgtgtgtct ttactcacct cataaagagg ggttttatgc 240  
 accggctaata ctaacaacta cttcttaaaa tccgtgtatt aggacttggt aatttataat 300  
 aaaggcccgt cgggtcaactg cgtgctttaa actataaaaa tgggggcttt acacag 356

<210> 425  
 <211> 351  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(351)  
 <223> n = A,T,C or G

<400> 425  
 catttggcag cagtgaactg tctcaggaag gcattttaag gggagctggg attgtcatcc 60  
 tagggaaatg gccttttggc agcattgaac tgtctcagga aggcatttta agagggctgg 120  
 aattgtcaat tgtcatacta gggaaatggc cttgagcgaa taaaaactat gctagggttt 180  
 gttcaagtct ctttgtgtgt gtgtgtgtgt gtgtgtgtgt gtctgtgtgt gtgtgtctgg 240  
 gggtcangtg ggtgaaactg tgctgaaatt tgcagatcgt ataggccaac ggtgaggcct 300  
 aaatgaaaag tgtgctcata gagggccgat gtaagtttgc gcataaaagg g 351

<210> 426  
 <211> 358  
 <212> DNA  
 <213> Homo sapiens

<400> 426  
 atattctttc cacaattcct cttactggaa tattgagggg agaaaacaga ttgatgaaaa 60  
 acgtgcaaaag ccagattact taacagttcg ctttcgcaag tctgaacact gaaagacagt 120  
 aggtaatatt ccttagagta gaggagaaag taatgtaaac ctggggttct tccctcacc 180  
 aagatggtgt tatcaggtta aggtgacaga taaatatttt ttggtatgaa taatccaaac 240  
 aatatatcag gcttaagttc ttccctgaaag aaaaatgttc aatcacttaa aagagaacag 300  
 tataaggccg gacgtggtgg ctgacgcctg taatcccage actttgggag gcogaaga 358

<210> 427  
 <211> 345  
 <212> DNA  
 <213> Homo sapiens

<400> 427  
 tggaagaaga agaattgtct tggggccacac ataaaaataca ctaacagtag ctgatgagct 60  
 ataaaaaaaaa aaaaaaaaaagg ggctggccat atttttcagg attccccct tcccaaataa 120  
 ccaaaaaaagc cctcccttta aaggggctga acatggttgt taactgcca caccagtacc 180  
 cataaaacccc atggggcttt gaaattttta ttttattttt tatctgataa agttaaatt 240  
 ttagtttctt gcccgggccc ggggggtccc cttattccc caccactctt gggaggcccg 300  
 agctctggtg ggtcccagat ctaaataaat atatcctctt cttcg 345

<210> 428  
 <211> 321  
 <212> DNA  
 <213> Homo sapiens

<400> 428  
 tgtgcgaatg cttcacatct tccataaatc aaaagggaaa aaaaagttgt gagtgaatg 60  
 tcattaacca ggacatttta gaaatgcaga acctggactt ttgattgcac accatagata 120  
 aaaatgcagg aaaccatagt ttccaactca tggcaccatc attttgtatc tttggggcta 180  
 taacttgccc tgggaagaac tatttcattt ctcaacaatt ctaactcttc ttctgaggaa 240  
 tcccagttac tactgagaat gagtccaata acttccttca atgttaagtc agtgatccag 300  
 ccagaatcag aaatattctt a 321

<210> 429  
 <211> 344  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(344)  
 <223> n = A,T,C or G

<400> 429  
 attttaagat aaccttgaaa agaattgaaa tggtagatca tttgaaaggc agtggggaaa 60  
 gtaagaaagt gtggaacagg aaaaaaaacc aagaacttaa gaagtaaaag caggtaagat 120  
 taataaaaaag aaagactata aaaagaaggg gaaaaaaaaa catagaaaaa aaatcgaaac 180  
 acatcagtga ccagaataaa ggcaaacagt cactactgcc agttaaaaga cagattctag 240  
 gccaaagcgtg ggggctcacg cctgtaatcc caacactttg ggaggccaag gcagatgggt 300  
 cacctgaggt caggagtttg agacctgcct ggccaacatg gtgn 344

<210> 430  
 <211> 369  
 <212> DNA  
 <213> Homo sapiens

<400> 430  
 ttcaggactg tgagaaataa atgcttttta gttataagcc acccaattta tgtgttttgt 60  
 tataagatcc cccaatggac tcagacaatt tggctggcca gttctggctc tgggtctccc 120  
 atgaggtgc catcgtagat cagccagggc tgcagtcac tcaaggcctg actgggggca 180  
 tcttgagggc tggataccac aagtacctac catgagctag gtggtgtaca agtaatatat 240  
 agcaacaaca atcataatgt acaattggaa gttatttcat gtttactatg tgtccagatg 300  
 ttaagtactt tccctgagtt acctccttta tcttcataaa aaccctacaa atttggtctg 360

ggtatcatc

369

<210> 431

<211> 360

<212> DNA

<213> Homo sapiens

<400> 431

aggggcttcc	cagacctgtg	actgactgaa	cacgtgtgtg	tcattacagc	aaagaccaat	60
aaggcttgca	ggaaaaactt	gttgaattct	ctttgaccta	aagtcaccca	cattcattta	120
actgtgaagc	tcttttcttc	ccactgcgta	gcatacctatg	gatctatcat	tcttttaaat	180
cggatgagg	aattctggtg	tagataccat	ttgtaattag	atagagtctc	ttaacctctt	240
tggacatac	gccttttgag	aaaaggatgg	tcggaaggga	ttgtgcacaa	ttctgtgctc	300
ttcgaagccc	accgaagacc	cgcctccatg	atcagggaaa	gcaaagaagg	gaacaaaaaa	360

<210> 432

<211> 355

<212> DNA

<213> Homo sapiens

<400> 432

gcctgagtga	cagagtaaga	ctccgtctca	aaaaataaat	taaaaaaaat	tttttaattct	60
acataacact	gatatataga	aaaaatgacc	atgctgaaac	actgtggatt	ttagaagcaa	120
tgcgctgttg	atagcccaca	atgattgtca	gttcacatgc	aagagtccca	atgcaacctg	180
aggattaata	tgcataaaaac	cgcagttggt	ctaaagggtac	aagttactta	catgcacata	240
cataatgtac	acctacacgc	agttttttta	aagacagaag	aaatgtcaat	agtaaccaat	300
gtcaacagca	cacgttataa	gtgtggaatt	atgggtttct	ttttagtttt	ctata	355

<210> 433

<211> 392

<212> DNA

<213> Homo sapiens

<400> 433

cgttgctgtc	ggcaggctaa	tgtttcatat	gcatgtattt	tatttttatt	taaagttatt	60
tttacatggc	agtggaaatg	gccttcatct	gtcaacatta	acccatttgg	acttgcaggg	120
cactccctta	aaaggaactg	tcgcttaggg	gattaggcaa	ctaaaccgga	cctcttgaat	180
tactttctca	ctgtgctttc	tgaggaaatg	ctgattgggt	actgctaaag	attccactaa	240
caattcaaat	tggggatctt	tgttcccatg	gcatgaaaat	gcccattgcc	gcatgcaaaa	300
atgctgaggg	tctgaaagac	agattgtttt	gtggaaagta	aagagctctg	gtctggaaga	360
agctgtttcc	cttaagcgtg	ttcgggtgtg	at			392

<210> 434

<211> 355

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(355)

<223> n = A,T,C or G

<400> 434

tcagcctccc	aagtagctgg	gatcacaggt	tatctctagg	atagcttcta	acccaacatt	60
aagcactaaa	ataaatattg	cttccctttg	cagtctctcc	tagggccagc	caagatggaa	120
tgggggatgg	tcagaggaaa	aaggggcaga	gagtactctg	cctcatccag	ttccaaatgt	180
tgggggtccc	caaggctcag	acctaggccc	tcttctcttt	cctctctaca	ctcttttctt	240

agaagtcacc	tcattctgttg	ccatggggttt	gggtaccata	gttatatact	ggtaactcca	300
aaatccacat	ctccagccca	taactctcct	ctgaatgcc	aattctccac	ttggn	355

<210> 435  
 <211> 308  
 <212> DNA  
 <213> Homo sapiens

<400> 435						
ggtctcgaac	tcccgaacctc	aggtgatcca	ccgcctcgg	cctcccaaag	tgctgggatt	60
ataggtgtgg	gccaccatgc	ctggccaacg	caaggtaaac	ttttaacgtg	gaatagaaaa	120
aataattttg	ttaaatccct	gggatggaaa	taacatagcg	acaaaaagag	tacatctttc	180
tctcacatgg	caaagttttc	ttcttgatgc	tacagtataa	aagtaaaaag	cacggtttca	240
gttttccacc	agatgtttta	ccccaatccc	cactgttggt	tttcacaaag	cttttgggat	300
cacctgtt						308

<210> 436  
 <211> 373  
 <212> DNA  
 <213> Homo sapiens

<400> 436						
cgttgcctgc	gatttgaaaa	ggttgtggtg	tagttggtct	gtaattaagt	tgagatttta	60
aaactgctgt	tagctttgta	aatcaaaaata	taggtgtttt	ttgtcctggg	atatcgatcat	120
tccagctgca	gatggaatcc	cattgatctt	ctagctacca	ttcattttct	tactgtttca	180
caaaagaaga	gtgtgaaatt	cagtgaatgc	tgttactaat	cctgttacga	gatgaatctc	240
atttcaccaa	aattaaatta	tgtttttccg	ctaaaatgat	gatacaagtt	gaagacacat	300
cactctgaaa	ttggaagacc	tcaccactta	aggtccaca	gtggcttact	cagctgaact	360
ctaggttact	act					373

<210> 437  
 <211> 355  
 <212> DNA  
 <213> Homo sapiens

<400> 437						
ttcttttttag	gtgtattata	atcatttgct	tacatcagtt	tccttttaca	aatttaggac	60
agaaatctag	tctgattcat	tctgatacta	ctagagcata	gtagaaagta	gaatcttatt	120
aaactttctgt	tgatttgatt	aaaagggtac	ataacgaagt	gaaggcagaa	ataaagatgt	180
tctttgaaac	caatgagaac	aaagacacaa	cataccagaa	tctctgggac	acattcaaag	240
cagtgtgtag	aggaaaattt	atagcactaa	atgccacaaa	gagaaagcag	gaaagatcca	300
aaattgacac	cctaacatca	caattaaaag	aactagaaaa	gcaagagcaa	acaca	355

<210> 438  
 <211> 351  
 <212> DNA  
 <213> Homo sapiens

<400> 438						
tagaatttta	ttctatctaa	ttcgtttata	ctcccagagt	tcgaaattac	attttaccta	60
caataaatga	gataacactt	gcaaattata	tggtactctg	cctaacacac	gttaataact	120
caatacatgt	tagcaataaa	cttttagtat	agtagtcaa	gtattaattt	ctcacattgc	180
aaagttcctt	caaagacatg	aatacaacct	ttctaattgc	tccttggtca	tcaagatacc	240
tcttcaaatt	attctattta	cttcattcag	tatattatct	gtgtataccg	atatgatatt	300
acactctttt	ttttttttga	aagggaatct	aattctgtaa	cggaggcggg	g	351

<210> 439

<211> 348  
 <212> DNA  
 <213> Homo sapiens

<400> 439  
 acatttgcca cacggttggg agtccttctt tcttctgtct gacactaaca cggctcttat 60  
 actcgacctt tgtccctctt gtcttttttc tctctctttt ttttaactaa tggagacaca 120  
 ggcataaggtt aaaatcagag atatcttgct cagggttttc gagcaaacac tgtgttccag 180  
 cccacagcat acaatagtat atgcagaatt tagacactat cttcccaaac taaagagtga 240  
 acacctttca gtactttcta gaacaactct agaaagaaat atatagaaac agcaaccaag 300  
 tatttagcag tttttctaata ttgtaagacc ctttgggaaa aaaagaaa 348

<210> 440  
 <211> 370  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(370)  
 <223> n = A,T,C or G

<400> 440  
 gagatttggtt acggattttta gacatcttct aagtaactcc acagaagact ctcaaaacaa 60  
 aagcgtgacc tcaacctgcc tatagggtgcc ctagtggaga atgcttgata ccagggtgaca 120  
 acccccacgc gccccaatag tgcaagaaca aagtggaggc cagagaaggg gctggtagtt 180  
 tcttcttagt tctcagaagg cttatctgat gatccactca cctctccttc caccttaagg 240  
 gaagaatgga agataataag caaaacttct agaaagagca attagccctt caacttctaa 300  
 tatccagggtg ngtcagttcc cagtgaagaga ggtaagtggg caatggtaag ctgtgccaca 360  
 caccaggtag 370

<210> 441  
 <211> 363  
 <212> DNA  
 <213> Homo sapiens

<400> 441  
 ttcttttttt ctgaggttct gaaacaaaaa caaacgtag gctctgcaac agctgaagga 60  
 gcttttgaat tctttctgaa gaggaaattg actttaccta accaatgcac ttctgtgta 120  
 tgctatatcc gctaaagagc aagacaggac ctgagaggca cagtgtctca ctgcagaatt 180  
 tcctcttgcc cattcgaaat gtattacagc gttctgacac aagggtcttca cttattctgg 240  
 tatctgtaat atgtatacaa agcaactgag ggtcctgtta aaaatacaga tttggccggg 300  
 tgcggtggct catgcctgta atcccagcac cttgggaggc tgaggcgggc agatcacaag 360  
 gtc 363

<210> 442  
 <211> 355  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(355)  
 <223> n = A,T,C or G

<400> 442  
 attgcaccac tgcactccag cctgggtgac agagcaagac tgtctaaaaa caacaacaac 60

aacaacaaca	aaaaaaccat	aaaagaaaga	aaaagagaga	gaaaggaaagc	aaggaaggaa	120
ggaagatata	aaaaagaaaa	agaaagaaag	aaaagaaaag	gaaagaaaag	aaagaaggaa	180
agagaaagaa	agaaagaaag	agaaatcgat	cgaaagaaag	aaacaaaaaa	agaaagaaag	240
aaatccatct	agtagctctg	tgttggggga	ttaaagagac	aaatactggg	ggctgggagc	300
ccagtgagga	agctgtgggg	aggaagtaag	tacattggga	tgctcagaga	ctacn	355

<210> 443  
 <211> 367  
 <212> DNA  
 <213> Homo sapiens

<400> 443						
tacagggaaa	gggaattcca	aaccaagtgc	acagcacaaa	caaataaatg	aagacctaaa	60
gcattgaatc	tttcatggac	acttctaggc	ctaaatccct	tgactttata	aatgtcatgg	120
taaattgcat	aatgcatatc	atcatgccaa	aattcatatt	ttataatgcc	atatgttaga	180
tctccttact	gtggtttcac	ctgaggcaat	cttctgaaat	tttcttttaa	aaaatgaaga	240
gttgtctggg	cgcggtggct	cacgcctgta	atcccagcac	tttgggaggc	cgagggtgggt	300
ggatcacctg	aggtcaggag	ttcaagaaca	gcctggacaa	catggtgaaa	ccctgtcttt	360
acaaaaa						367

<210> 444  
 <211> 356  
 <212> DNA  
 <213> Homo sapiens

<400> 444						
ggatcaaatc	cattgcagga	atgaaggatt	tatttttttt	tcagtgtctg	aagtactgcc	60
aacaaataac	cctcagctct	cagtcccctt	gtggattgcc	cctgctaaat	aaagccacca	120
gagcctgatt	tatgcctctt	cctgaggtgg	cctgtttcca	atgacagacc	actgttggag	180
tatgaaggcc	taaccagctc	atctaatttg	gggagagctc	taaagaataa	ggttattttc	240
agctccagag	tctcatgaca	tctcaaaacta	catcatagct	catcatcttc	tgaccaaaca	300
gcctttcttca	tttctgtctt	atgctattgc	tccaaagagc	atttcctaata	aaacct	356

<210> 445  
 <211> 354  
 <212> DNA  
 <213> Homo sapiens

<400> 445						
caccatcata	tatgcatttt	gttgttgacc	gaaacgtcgt	tatatattct	ttccatacat	60
agcatgtgga	aagaatagat	ctcttttttt	taattgttcc	acactttacc	atataatgga	120
atacgcaaaa	tttcacaata	ccttttcagga	tgtaaaatac	atataccctt	tgacgacatt	180
agaaaagaga	aaatgtgggc	cgggcgcggt	ggctcatgcc	tgtaatccca	gcactttggg	240
aggccgaggc	gggcggatca	cgaggtcagg	agatcgagac	catcctgggt	aacacgggtg	300
aaccccgctc	ctactaaaaa	tacaaaaaac	tagctgggcg	tggtggcggg	cacc	354

<210> 446  
 <211> 183  
 <212> DNA  
 <213> Homo sapiens

<400> 446						
tgggttccgc	tgtgagaaca	cgacagatgg	gttcggctgc	catatgacga	tagacaggta	60
ctcgtgcga	tttactgac	tgattgtctc	cgtctccata	atttttctaa	ttgttactgg	120
tgggagtctt	ctccctgtct	tgcccttttt	tttgtaatgt	cttgacagtg	ccgcgatccc	180
tcc						183



<210> 447  
 <211> 351  
 <212> DNA  
 <213> Homo sapiens

<400> 447  
 tcagcataca accctagatg atcttgctgt gaagatgaag gagatcacag acaacatctt 60  
 gccagggtct gagttttaat gctggcgctt tagatatcct gttgggctac aaaaacatgt 120  
 caggcaagat gttaagtttt gtttaaagca tcaagaattc caggcccggc gcggtggctc 180  
 acgactgtaa tcccagcact ttggggaggcc taggcgggcg gatcacgagg tcaagaggtc 240  
 gagaccatcc tgggttaacac ggtgaaaccc cgtctgtact aaatatacaa aaaatttgcc 300  
 ggccgtggta gcggggcgct gttgtcccag ctacttggga ggctgacgca g 351

<210> 448  
 <211> 347  
 <212> DNA  
 <213> Homo sapiens

<400> 448  
 tataaatagt tatcaaatac tcacagtatt tcagggtactg ttttaagtcc tttggaaatt 60  
 ttctataatt aaaattttaca ataatctttc gagatagcaa ctatgattat tccaactttt 120  
 aaaaaattga agtttagaga ggataaacia ttgcccatgg ccaggtagct actaagttac 180  
 agttccaaga ttcaaacata cagcttgact ccagagtcta tgcttttaac caataacttaa 240  
 aactgtcttg atgtagattc tgatgggata ttcagctatt tctcctcaga attgtatatg 300  
 tgggaatagt atctgaaaaa cttggattcc tttatatgta aggaaaa 347

<210> 449  
 <211> 346  
 <212> DNA  
 <213> Homo sapiens

<400> 449  
 ttccagttcc tgcttcataa cagatgctca acagatgttt attgattatg aaaaggatcc 60  
 ctgaaaagct ttctcctgga attagactct cagccctaga atagagcaag cctgcagaaa 120  
 cgagaactgg aggcttgaaa gtccctcata actgggttga agagaaacca ttttcctgta 180  
 atcttttttt tttttttttt ttttgaaaaa ggaatttttt tttggggccc gggggggaac 240  
 cccagggcct gctcgagagg tgcgaaacc ctgggtcgaa aagaccacc aaagacgccc 300  
 cgccaacctt cttttttctg gggaaaaaag ggggctgccc ctcccc 346

<210> 450  
 <211> 350  
 <212> DNA  
 <213> Homo sapiens

<400> 450  
 catagaaatc caccattcac gtaagttttg goctgggtgtt attgcagtct cttaatttag 60  
 ccaacaaaga aggttggctc aaagacacct gtttttgcac gtaaaagtac aggctggaag 120  
 gcttgggtcg gcatggtttt agcaacagga ctttcatttg tgatagttca gtcacgtcct 180  
 ggggaattga ggagaagatc caccctacca aaggccagtc ttgctttagc accaaagaat 240  
 taatttttaa agtttagagt ggccgggcat ggtggctcac atctgtaac ccagcacttt 300  
 gggagccaa ggtgggcaga tcacctgagg ttaggagttt gagaccagcc 350

<210> 451  
 <211> 369  
 <212> DNA  
 <213> Homo sapiens

```

<400> 451
ggattattga gaacaacaga attcaaaacc cttgaaaaag aaaatgatgt gtatctatat    60
tttaagcaga aatacacaaa cacacttata gtaactacaa ataacatcta gtagctcaga    120
cctattgcca tttatttcat gttcaatatt gtacagacaa catactatga aaagtgatgt    180
accatattta tacgtataca ggtgaatttc aatccaacac taagataatt actttatggt    240
gtagaaccat atataaatac ttttttgccc tgcctctaacc attgcttatac aagacttta    300
gattatgaat gaatggcat acttattata tatagaaact attatttgat gaagggtact    360
tgcattcct                                     369

```

```

<210> 452
<211> 357
<212> DNA
<213> Homo sapiens

```

```

<400> 452
agaatagctt tcatcccaaa atttgcttgg aaatagttag atcatttgat ttaattttca    60
cttttataaa ataagtgtag gaatcctaaa attgattact tcatttgaaa cacaaattca    120
gtaggacgta atgcatgaaa taatttaatt tttgacatgt acatcgaatc ataattttaa    180
aacaaggctc gaccaggtgt agtgcctcat gctgtgaatt ccagcacttt gggaggccaa    240
agtgggtgga tcacctgagg tcaggagttt gagaccagcc tggccaacat ggtgagaccc    300
catctctaca aaaaatacaa aaattagcct ggtgtggtgg tgcacacctg taatcct      357

```

```

<210> 453
<211> 264
<212> DNA
<213> Homo sapiens

```

```

<400> 453
gtgtgtagtg atcatctgta gttgttcaaa cgctctctga agcttatgt cttgttcatg    60
tccattttt gagttgtgcc tacatgatgc tggcaacaga taagacatgt agttttaata    120
aatcactaac ctttatattc tgcttatttt taaattataa attccatctg tgtaaatagt    180
ttctctcttc ttgcacttta ctaaaagcag taaaagaaa ccattctgag gctgggcacg    240
gtggtcatg cctgtaatcc cagc                                     264

```

```

<210> 454
<211> 352
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(352)
<223> n = A,T,C or G

```

```

<400> 454
tgggtctttt gtttttgttg tgttcatttc acagcanatc agtgagcgtg tccttactgc    60
ctggcccccag ttcaagtcct ggtgttagtg ctteggcttt gaagtcagat gacctggggt    120
caagcctgtg ccttgccact ggggtggctga gtggccttgg gcaagctatt tgctaaactt    180
tctgtttctg catgtataca aagtgaataa gactgattcc tttccttttg aaggctgttg    240
aaggctcaggc ctggccactg attcttataa ttctttttac taaaagcaga ccgaaaagtt    300
taggatcgct ttggggccac tcctcttgaa ttcaagcctt gccccctttt cc          352

```

```

<210> 455
<211> 350
<212> DNA
<213> Homo sapiens

```

```

<400> 455
tacctccagg catgtggaca tgatggctag agctacagtc acattttttt ttttaatacca      60
tgaggcaagt ctttggatga aagttagggg ttaagtaagg agaaacagaa gaatcatagg      120
cacctgggcc actgttggtta ctacagagct tctgcaccag ctctacctaa gaagaatatc      180
tcttctaat cttagtata tgtaggaaaa gaactctcta tttgtttaag ccattttttt      240
tcctagactc tcttataagc agcaaaaaaa agtcccaatg tgggtggccc ttcccatagc      300
ctctgaaatg aaagaaatgg gttagaaggc agaagtggat atagatgaat      350

```

```

<210> 456
<211> 380
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(380)
<223> n = A,T,C or G

```

```

<400> 456
cggtgctgtc gggattatta tgtttgaag attattatct ttgaaagaca acttttctgt      60
tgccaaactg ttttctaaag aggttggtca catttctagt ctactaacia tttatgaaaa      120
tgcccacctt ccattggggga atattaaaga ctttgccctga aatgatagaa ctctattggg      180
tagtggctga agtaagtttg agttggtaaa tcaggggtca gattatggaa aaacttacat      240
gttgaggaaat cagctattct cttggtgagt ttcttctttc tttgacagat taacaacttt      300
ccagcaggcc aaatgagaat tattggctag ctttgtggag ctgtgaggga accctcttan      360
aagatttctc attctctctn      380

```

```

<210> 457
<211> 395
<212> DNA
<213> Homo sapiens

```

```

<400> 457
cgttgctgtc gatttttgaa ttttttcgta gagacagggt tttgctatgt ttctcaggct      60
ggtctaaaaa ttccagagct caggatgatc gctcacccta gcctcccaaa gtgctgggat      120
tacagggtgt agctaccgca tccagccctg aatattcttt cagaggtagg gttttgtgtg      180
ttttgttttt agttcaagca gtttgactac atcctaagggt ataaaggtag taataaacia      240
gtcagttttt cttttgtgca tttttcttta ttttagagcc ttcagggaia ttttttttta      300
gaaagatcaa gagaaggcca ggcgtggtag cttacgcctg taatcccage actttgggtg      360
gccgagggtg acagatcacc tgaggtcacg agttg      395

```

```

<210> 458
<211> 356
<212> DNA
<213> Homo sapiens

```

```

<400> 458
cgggggttggg gttgccgata cactgctgg tatgctgtgt aaaaacagcc ttgtttgagt      60
agattgagag gctatcgcta tattgacttc cctcttcagc tgcgttattg aggatcacia      120
cttattttgc cagcactcta cgctatggga ccacatagag gtgctctaag atagtaacat      180
taaagaggac atataatata accaaaaatt tgagttccag ataagtttgg tgtctcacta      240
gcaagatgac gttaaataac tcatttaatt tttttgaaat ctttaatttc tgttcctgaa      300
aataaaaagc aatctgtctc ttgtccaaaa gactatgtag gggttttaaa aatttt      356

```

```

<210> 459
<211> 393
<212> DNA

```

<213> Homo sapiens

<400> 459

cgttgctgtc	ggtggcgggc	gccggtagtc	ccagctactg	ggaggctgag	gcaggagcat	60
cgcttgaacc	cgggaggcgg	aggttgcagt	gaaccaagat	cgcgctactg	cactccagcc	120
tggcgacaga	gggagactoc	gtctcaaaaa	aaagccgggc	agaattaatg	atdddgaagc	180
tccgagaaaac	aggattaaat	tcctctttca	aaccgaaatc	ggaatttgat	tttttaaaag	240
tgtaaaatac	cataaacttt	taaggttagt	tggtcggtaa	ccatgtcacc	aattttaagg	300
cactttctga	gttgtgtata	gtttctccag	agccctaggg	gaaatgtttt	gcaaaatatg	360
cacgtttagc	tttccaaaac	aagttgtctt	ttt			393

<210> 460

<211> 346

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(346)

<223> n = A,T,C or G

<400> 460

cggaagga	gattacctgc	tgtcaaatta	gaaaattaca	attaaaccat	tgatatttcc	60
gtgagaagag	aaaactagta	accgtgaaga	agtgaggga	aacaaatgat	gacgtcatgt	120
taacaatagg	aaagacatgt	ccttttgtaa	aagatgctgt	cacccatcac	agaactatttc	180
ttccaatatg	gatttgcaaa	acatgacagt	cgagctcacc	aaatctctcg	tggttgccgt	240
ggggcagggc	gaggtggccc	acacctgtaa	tcacagtagt	ttgagaggcc	aaggagggag	300
gattgcttga	gcccaggagg	tcaaggctgt	aatgagccat	gatcan		346

<210> 461

<211> 353

<212> DNA

<213> Homo sapiens

<400> 461

ccatgtgagg	tgacgcccc	ccctgcttcg	gctctccctc	tgtaggctgc	accactgtc	60
caaccagtcc	caaagagatg	taccaggtag	cttagtgga	aatcactcgt	cttctgcgtc	120
aatcacactg	ggagctgcag	accagagctg	ttcctattca	gccatcttgg	aacagacctc	180
ccatggtagc	atctttaaac	tgaaatattg	gacagagagt	ttccattgct	gtagtatttt	240
gcttaattat	tatctttata	gcagggataa	tagttgacaa	aaaggaagca	tgaaagtfff	300
accatcactg	agtctgctag	gccttttttg	gggtctagta	atgcagtttt	aaa	353

<210> 462

<211> 347

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(347)

<223> n = A,T,C or G

<400> 462

gagtagcagc	agtgacttaa	cagatftttt	tttcattgct	gctgcttctt	aatccctttt	60
gagcctcaat	ttctttttgt	ataaaagggg	aacaataacg	atftttgtaga	gatgaggtat	120
gcaaagtctc	tggtctgcagt	gagcactcag	taataagagc	tattttattgg	gccaggattc	180
caactacttt	cataaaaaata	gcaggaaagt	caaattggaaa	gctgacttga	tggtagggga	240

ggcttctgcc	caccaactag	ttccacgttt	ctcaaccctg	cactgaatgt	taaaatcacc	300
tggggaactt	ctgaaaaatt	atgatgtctg	gtcccaaccc	catggan		347

<210> 463  
 <211> 359  
 <212> DNA  
 <213> Homo sapiens

<400> 463	
cgggtgactc	aatgtattca caggcttcaa aaatatgctc taagaaaaaa atgggggaaa 60
aggaacagtt	tttcatttca aaagaattcc agccaatgaa tgtcaaagga aagagggaaa 120
tacagtatca	ccattaggca aacaccacag taataattat tgctgataag atccactaat 180
ggatgctaag	attaatgggc aaaagttgag gagaaataag atatttgccg aagcctcaaa 240
ggtatctccc	tcaagatatt tattaatata agccgtgcgc ggtggctcac gcctgtaatc 300
ccagcacttt	gggaggccga ggcgggcgga tcacgaggtc aggagatcga gaccatccg 359

<210> 464  
 <211> 225  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(225)  
 <223> n = A,T,C or G

<400> 464	
ttccttcaaa	ttctgtctat atagtatttt agcaaaccta tgctagtaac attagaaaaa 60
aaataaat	ttt actaaccaa gactttatga aggtcataca tgaagaaatg ggtgttttag 120
taagaaacag	aaatttctta agcttctcat tagatttctt tagatttttag ttcaaaatag 180
atttgagtga	gtttatttct gatgcgttgc tttaccctga ttacn 225

<210> 465  
 <211> 397  
 <212> DNA  
 <213> Homo sapiens

<400> 465	
caattctgca	cgagcctagc tacagggtttt aggtatgata aagacttggt taccacaaat 60
agctgaccag	aaaccataat tgggcggagg caagcatcag ctgaccaagc attttccaag 120
ccaccacagt	gattcagctg ctctctctcc tgcctctcct atggaaaaga tggaccaaac 180
acagctagga	catcaagctt taaaaccaa gcaaccttgg cacctcacac aatggccagc 240
tatgaacctc	acctggatcc acaccactcc aatttgcaac cccctctca gctccccagg 300
tactatctcc	tttagccatg gacctttaag cactggaacc ggcattggcg tattcttttc 360
ctccgcatgg	agtgcaaccc ttctccact ctgcccg 397

<210> 466  
 <211> 347  
 <212> DNA  
 <213> Homo sapiens

<400> 466	
tagataagta	ttgggtcaact ttgatgaatc acccataaacc ttaaactaat aagtcaaac 60
ctctttatac	tttgacaaag caccattaga tgattcttag gtccaccaa ggttgataat 120
cactggccta	gatgatacag caataggtaa aactagggtg acagcagtgg aaatggtagg 180
ggataactac	caagaaactg ttttcagtaa gaactaaaag gcattacaga ttgatgaaat 240
gtaagaatat	gaagacaaac agtcaaagat ttaaactcttg attactgaaa aacttacgat 300

actattataaaa gattaagaag tcaggaggag cttaaaaacc tagagaa

347

<210> 467

<211> 366

<212> DNA

<213> Homo sapiens

<400> 467

agggcaagac	tatacagact	ttacttttga	attcccccaa	attagtagag	ggtttagtac	60
agagaaaagga	cttgatacat	ttttatacac	ttttgaagaa	taaattgata	tttatttagt	120
actcagtgtc	agccaagcac	ttaaactatt	tacattcatt	accccatggc	atcctcacag	180
ccttctgagg	tagaaagact	cactgaaggt	tcagtaaagt	ggggaggaag	gcacgacttg	240
aactcagggtc	tgtctgactc	cagatgtctt	agaaaggtag	aatctttcac	ttggaagaca	300
gtatggttaa	gatcatgttc	tccggggcgg	gcacagtggc	tcacacctgt	aatcccagca	360
ctttgg						366

<210> 468

<211> 346

<212> DNA

<213> Homo sapiens

<400> 468

tacctgtgcc	caagcagaca	tctcccccaa	tttgtgtatt	tacaccctc	ctgcctgcag	60
aaaggatgaa	acaggattac	cctcaaattt	acagctataa	ttaaactatt	attaaaaatcc	120
aggtaaaaaa	acaagagcac	tgcaaagaag	agcgtgtgtg	tgtgtgtgtg	tgtgtgtgtg	180
tgtgtgtgtg	tgcgcgtgta	taaaaattct	gtcacacaca	cctgggctgg	ggcagcttct	240
ctgggatccc	tgaatcacag	agtgttagca	ccagaggggc	tttcagagat	aaacacgctt	300
cacctgtttt	tatataggac	tgacacagat	taagagattt	ggcagg		346

<210> 469

<211> 189

<212> DNA

<213> Homo sapiens

<400> 469

catatacgtgt	atTTTTTggg	acttgcctgt	ttctgttaat	atcggagtgt	taaagaacat	60
ctctgagtaa	tttggttttg	tcattgaact	atTTTTtagta	cattcatgtc	tgaagagtga	120
tgtgacttga	gaactaagct	tcttctgtct	ttacattcat	cattttttcca	gaagccacgt	180
agtgtgcc						189

<210> 470

<211> 348

<212> DNA

<213> Homo sapiens

<400> 470

gggaaatttg	attattgata	aatcatttga	tattagttag	aaattgttaa	ttaagagtga	60
taatgacatt	atggttatgt	aagaaagtgt	ccatatttta	gagatgctaa	tagaaggatg	120
aagaaataaa	atgatgtgac	ttttgtgttt	gcttaagtta	ctttggtaaa	gaaagaaata	180
ataaaaaaac	taaatgaagc	atatttgttg	aagatcattt	gaccatatac	acaagagttt	240
atTTctgggc	tctattttat	tccattgggtc	tatttgtctg	ttttcatgcc	agcactacac	300
tggtttgatt	actatggctt	tgtaatatgt	tttgaaatca	ggaagtgt		348

<210> 471

<211> 187

<212> DNA

<213> Homo sapiens

<400> 471  
atatacgtgt attttttggg acttgccctgt ttctgttaat atcggagtgt taaagaacat 60  
ctctgagtaa tttgggttttg tcattgaact attttttagta cattcatgtc tgaagagtga 120  
tgtgacttga gaactaagct tcttcctgct ttacattcat cattttttcca gaagccacgt 180  
agtgggc 187

<210> 472  
<211> 188  
<212> DNA  
<213> Homo sapiens

<400> 472  
agtggaacga tatcttcaga acgctgagag cgaagaattc tcaacctaga agtattccag 60  
agagcgtacc ttctatgaat gcagataaaa taaagacaat ttgtagataa acaaaaactg 120  
cagcatttat taccaaggga ctaaagtaat gtctaaagaa tctatttcag gaaggaggat 180  
aaacatgg 188

<210> 473  
<211> 393  
<212> DNA  
<213> Homo sapiens

<400> 473  
ggcacgagct ggggaggagc caaagccttg gcgctcacct aagccgcagg gagatacacc 60  
caactgggag atgaggaaac agcaaccac agaggagaac taaccacac aggatcattt 120  
cgtgaaggag caaggctgaa gaaccagacc tggactttct taggcaagta aattctgatt 180  
atatcacgga gacttgcttt gagaaatctg ccccttttca ctgtgagatg gcgtcattaa 240  
cacatctagt tctctcctaa gcagccagca aacattttatt atacactaga tattatattg 300  
gcatttgaga tgatacaaag gaataaaatg gggcaattag ctctagtaat ttggaggtct 360  
caacttacgg atattccaag ttcctttgaa acg 393

<210> 474  
<211> 369  
<212> DNA  
<213> Homo sapiens

<400> 474  
tgtgtctaag gaactgaatg tttaatgtga cttaattttc attgacttat aagcaacaat 60  
gccacctgaa ctttagcatt tcttatatcc tcagcccatt tttacttttag caccctagca 120  
aacattcaga agtgacatgg tcattttctt ccttctgagg tggagcgttg gctctcttta 180  
ttgtcattaa gatctttgaa agcaataaga agatataatt agccgggcat ggtggctcac 240  
gcctgtaatc tcagcacttt gggaggccaa ggagggtgga tcacctgagg tcaggagttc 300  
aagaccagcc tggccaacat ggtgaaaccc catctctact aacaatgcaa aaaattagcc 360  
gggcctggg 369

<210> 475  
<211> 358  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(358)  
<223> n = A,T,C or G

<400> 475

tctccatctc	aaaaaataaa	taaataataa	aggtaggggt	ttcttaattc	ttttagacag	60
atatacctcac	attaatctgt	aaaggacaaa	aaaataagac	tttaaactct	taatttgaaa	120
agatatctcc	attttaaact	cctttgctta	ttttattgac	cacctccttt	gcggatttca	180
tttcctatcc	ttgattttaga	aaaagggtta	gggccggtcg	tggaggctca	tgccatagaat	240
cccagcacct	tgagaggctg	acgcagggtg	atcatgacgt	cacgagatca	ngaccatcct	300
ggctaacaca	gtgaaacccc	atctctacta	aaaatacaaa	aaattagccg	cgcgtgtg	358

<210> 476

<211> 365

<212> DNA

<213> Homo sapiens

<400> 476

ttagcctttt	gtatgctttt	actggataat	tttctctaag	gtagaggggtg	aggagctata	60
tattatgtaa	catttttagaa	atagcagaaa	accatttagg	gggaagaaca	cacacaaaa	120
ctaccgata	acttctttcc	tgattaaaat	tatcttccaa	caattcaatt	atatgtaaag	180
agggaaccgt	ggctacacac	gtatttatta	actgtttctg	gcggtccaga	ggaagctgga	240
ttattttttac	cataacaaaa	tcaagttttt	ttcagccggg	cgcggtggct	caagcctgta	300
atcccagcac	tttgggaggc	cgaggcaggc	ggatcacgag	gtcaggagat	ggagaccatc	360
ctgggt						365

<210> 477

<211> 366

<212> DNA

<213> Homo sapiens

<400> 477

gcgctctgtg	gctgggcatt	ttaaacctga	cctttctggc	tctgagtttt	tccattttta	60
acctgacctt	tctggatcca	ggcgaaggca	gagacaagat	aaaataggat	tattggatgg	120
cagaatgtat	tcaactattt	ctcctgaaac	ttggaaccgt	attataccat	gggggatacc	180
acactgacgy	aaacggtgga	taaatgtgag	ttcatatata	ctcctccaca	aatatacatg	240
tctcatgctg	ggcgcattgg	ctcacgcctg	taatcacagc	actttgggag	gccaaggccg	300
gcccattgact	tgaagtcacg	agtgtgtgac	cagcctgacc	aacatggtga	aaccctatgt	360
ttactc						366

<210> 478

<211> 367

<212> DNA

<213> Homo sapiens

<400> 478

ggatcaatac	aacaaagttt	tctgttttaga	aaatacaaaa	aaaaactata	aatctctaaa	60
gaaaaaaggc	cgtgtcctct	gaactatgcc	acagatatag	aatgtagaaa	gattgtataa	120
tcattacatg	tttaaagtag	atggtgaaag	cctagctcgg	cacctaggac	ggcacaaagt	180
aaatccttaa	caaagtccctg	taagtagtgg	gtacttttgt	aaagaaaagg	ctccatgttt	240
ttgtttgtct	ggagggtgtg	gtgtgtgtgt	gtgtgtgcga	ccctcaacac	cgccacataa	300
ttactaacta	accctgtgta	cggtagtccc	ccctttttct	tataaacggc	ccctcattct	360
ttatitc						367

<210> 479

<211> 367

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(367)



<223> n = A,T,C or G

<400> 479

gcatccagca	cgggataaag	aggctgtgag	aaggatgaac	agatttttgg	aagacgcaca	60
tttttgtaaa	gctaactcag	atagacttca	ctccgtcctc	atgccctgcc	agtatcttta	120
attttaaaag	aggaagaagg	aagcatcgtc	tcttctcccc	aacagataat	actgggtgct	180
ctgtgcacag	ggtgacatta	aaaaaattaa	aaaattaaag	aggaaggaag	gaagcaacgt	240
ctcttctccc	caacagataa	tgccagggtgc	tctgtgcaca	aggtgacgtt	atccattcat	300
tcctctctca	ggtgtgggag	tgagggtagg	ggagggcacg	gcaacgatgg	cctttgccag	360
ggacctn						367

<210> 480

<211> 337

<212> DNA

<213> Homo sapiens

<400> 480

acaacaaaac	aaaaccaggt	gtagtgtggc	tctaaaggaa	catctgacca	ggttcctggg	60
gaaccagggc	catgggagga	agaagggact	cttctcccat	gagaagggcc	tggagatgca	120
gggactgtca	agtcactttg	gccaaacttt	tttgctcccc	tagaatgaac	tctgcactaa	180
aagtggagaa	tcacttctat	gagagaaaaga	catacaaaga	aaagatataa	ggcaatgcta	240
cagtaagttg	ggcatatcta	tcaaaattta	aaaacatgta	tactctttga	ggagtcctat	300
tctttcagga	attcattttg	cccttattaa	ctatatac			337

<210> 481

<211> 383

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(383)

<223> n = A,T,C or G

<400> 481

ttggncctcg	ttggacagta	tgacagaaag	ggacacaggt	tggagcacag	aaagaagaat	60
catagaggtg	ccaaaggaac	ttagacataa	tgatgtcggt	caagccaaca	agccaagctg	120
aagtaaatga	aaccataccc	aacccttacc	caccaagcag	ttttatggct	cctggatttc	180
aacaggctct	gggttcaatc	aacttagaaa	accaagctca	tgggtgctcag	cgtgctcagc	240
cctatggcat	cacatctccg	ggaatctttg	ctagcagtc	accgggtcaa	ggaaatatat	300
aaatgataaa	tccaagtgtg	ggaacagcag	taatgaactt	taaagaagaa	gcaaaggcac	360
tatgggtgat	ccacatcatg	ggt				383

<210> 482

<211> 355

<212> DNA

<213> Homo sapiens

<400> 482

ctcttgoggt	gagggaaagc	aaggggacca	tcccttgcca	ccattatctg	gtaaatcccc	60
catgtgatgc	ctaatgcctt	ccatccaggc	atctaggcct	accccaaatc	agcaagtttg	120
aaaggacttt	gttggtttata	tatacatttg	cttcattcag	ctatgaagca	ccctgtctct	180
taccagacct	gcaccctcca	ccccactgat	ttgcttttgg	gttggttaaag	ggttgcgata	240
cactgcactt	gccagacata	cctctaaaat	agctgttgac	tcttgccctca	tccctaaact	300
ctcctgctgg	gagacccctc	ctattctata	tgcgacgctt	tcatgtgtgt	acccg	355

<210> 483

<211> 350  
 <212> DNA  
 <213> Homo sapiens

<400> 483  
 agttcgaaga ggtagggaga gaatttccat gggaaaaaat tgttggattg tacttcaata 60  
 caagtaacag gaacttcaag aggacctcta agaaaattat atgtaccact tggagtgtag 120  
 gaacatatgg actggatctg agaccagta agaacagtaa gggtaaagtc tatggctgtg 180  
 accacagcac tgtgtctggt caaaaataa ggaagcctgc agtgggagca aacttcacct 240  
 tcattgataa cgagcaaagg aagctcaggt caaaggagc caccatgggg ctgccttaaa 300  
 agggatccta cccaagaggt taagtgtctt agcagaacaa tgggacccta 350

<210> 484  
 <211> 376  
 <212> DNA  
 <213> Homo sapiens

<400> 484  
 cgttgtctgc ggtggcgtc tttatatctt ggttacctta tctttctgtg gaagagattt 60  
 gatgtctagg tttgtcacat catgcctgtt tcctatcact accaacaggg ttgttatcta 120  
 gcaaccccgga ttgaatacgt ggacgtcgcg gcttggcctc acagactgtg cgaggatagg 180  
 gtacttgggg tgccctttg caaatcgtta ttataacta gagtacttgc atttccttag 240  
 agtacctgac ttgccagag agaattagcc ttttaatttta atttgtatga cagaggattg 300  
 gaaaccttag tcccagtacg tttagcaaca ttccaaatag cttacaattt ctgctacatg 360  
 ccagtgcagt tataag 376

<210> 485  
 <211> 375  
 <212> DNA  
 <213> Homo sapiens

<400> 485  
 tctacggttg cgacaaaacg acagaagggg cattttgatg tctagaatca ggggatccag 60  
 gatcatcacc aagggtcattt tcctagacag atgtgctgag gctgtagaaa gtgcttttta 120  
 tttggatggg agcttgtgca taaatgagag aggggctgcc catctgacgg actagaggag 180  
 actcatggct gaaccggaac aggacatcgg ggagaagcca gcagagcttg tgtttaaagt 240  
 cataattcag aaccccaaag aaaatgactt cattgaaatt gagctgaaga gacaagaact 300  
 gagttacca aacctactaa acgagagttg ctgtgaactg gggattaaac cacaacgagt 360  
 ggagaatatc acact 375

<210> 486  
 <211> 343  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(343)  
 <223> n = A,T,C or G

<400> 486  
 actatcgaaa cagatcaaac gcatagagaa agaatacaac ctttcaaatt atttatatga 60  
 acacagtata atatggatgc ccaaatcaaa tgaaatagcg cttctctcta caaccaccta 120  
 gggctagtac ttgagaaaac tgatactggc gcacaacctt caatactatc acaacatatt 180  
 tottagacct ataccatata gtatatctaa atcacatgga aaaataactg tgcacaaata 240  
 gagaattctt atgaaagaat ttaatgaaga gggagtgaag aatgggtctat tataagccta 300  
 ctgcaactaa aagattgatg ctctgctgca ctaaaagatg agn 343

<210> 487  
 <211> 358  
 <212> DNA  
 <213> Homo sapiens

<400> 487  
 atactctctt atatgctaga gatagacccc agctaattgag ctctccctag aacagggtatt 60  
 ctgtcactca ctcacacaca cacacacaca cacacacaca cacacacaca ctttttttta 120  
 cactgagaga atgagaaaaa cattaacttt tagctctccg gtggccatat tttcttaaag 180  
 gaggaaatca ttacacagta aagcattaat ggccagtgtg tgcttaattt aacaacacta 240  
 caaattcatg tagagatgtc tgattctcta gagaggaaac tgtcattcct tagctgcagt 300  
 cccctcttca actgaagaaa tacatttcac cactaggggt ccacagggga acaaagga 358

<210> 488  
 <211> 353  
 <212> DNA  
 <213> Homo sapiens

<400> 488  
 aagttagttt tgcagctctc cagcatatag aagagcagtt ctatattctg atttctttca 60  
 ttatagtgcg ctgacttcca ctggttatgt gggtaagaag ggtctctgac aatttataaa 120  
 acaagatggg gaaaggagac cagcaaagca tgtatataaa acatttgttg cttttttaat 180  
 caaggagacc agaaactgtg gtagtgcccc aacgctttga ttgaaggccg ctgtatatg 240  
 agtgtattcc tcatgacata ttcggactga ttcagacttt ccacagtgtc tattagctca 300  
 ttctgtgcct caattcttct gagcacattg tcccattaag agtagtcaaa agg 353

<210> 489  
 <211> 353  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(353)  
 <223> n = A,T,C or G

<400> 489  
 cgggggtgga gcttcaggta tgaatttttc tttctctttt tttagtgggc acagctatga 60  
 tatcagaagg taggcctgga accaagctga tgggagaggg aagacctgaa ctggtcagta 120  
 taagaaggaa atgatatatg aaçaggaatg aaatggggcg cgagtgggtca tatagcaaag 180  
 aaggaagtgt gggcagtgag tgcctgatgg ctgaggagtt tctgtttcaa acgataaaaa 240  
 aaaatttttag aaatggacac aacattggcc gggcacgggt gctcacacct gtaatcccag 300  
 cactttggga ggctgaggcg ggtggatcac ctgaggtcag gggttcgaga ccn 353

<210> 490  
 <211> 343  
 <212> DNA  
 <213> Homo sapiens

<400> 490  
 tactgctttg tgaggaatgt aaaaaagact aacggaaata atgcaatgat ttacaacgta 60  
 tgaatgatgc ttaaaatgta gtactaataa aagataataa ttattatgca ctatgattac 120  
 tgtgcaagtt ttaagaatga aaactctccc taacacttgg aagtgagcac actaccattg 180  
 tccaatgtga aaattacaga acagctccca cacactatag ggaagatctt tctatcatca 240  
 ggacagagac aaacctagct gctccttcta agaactctat tcatatactt atacacagac 300  
 caccattaat acaccatgag ttctgtcaag gaattcttatt tat 343

<210> 491  
 <211> 360  
 <212> DNA  
 <213> Homo sapiens

<400> 491							
ttcactgtct	cctcactccc	aactgtgggc	agccaggtgt	gcttctacat	tgcaggtctg		60
gccccacatc	ccctgctgca	gacctccact	ggcgcccccg	tgaccctcag	gatctgttcc		120
cagctctgga	acaggctctc	cggacccctg	gccactggca	ccctgggcag	cttacctcgt		180
cccactcctg	atagcccccc	aatgaccact	ttatgcttca	gccaaatcta	gctgttgaca		240
gctcctcaaa	cgcttgggct	ggctaagcct	ctacagtttc	catgactctc	ttctgagccg		300
gaaacacctg	cctcctccct	acgtgcattc	attcccaccc	ccgaaacggg	acaaactcct		360

<210> 492  
 <211> 305  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(305)  
 <223> n = A,T,C or G

<400> 492							
agtcataagc	atcttttcaa	cacttgactg	tttctgtga	aatgtattta	ccctcataat		60
agttctagta	aacagaccct	gcgatttggg	tggcttgagc	ccatcctggc	tcttcagcca		120
agatgacaaa	tttataaaatc	cattctaatac	acatcatcat	ttagcaaatg	ctttattttct		180
ggatccaaaat	ttacatgtct	acctgaatct	aagattttat	gcttatcacg	gctatggaga		240
gaacatctct	tcctattttg	tgagcagggg	atactagaac	aataaagcgc	tcgctcatga		300
cccan							305

<210> 493  
 <211> 356  
 <212> DNA  
 <213> Homo sapiens

<400> 493							
ctcaggagaa	ggttagaatt	cactataaca	aaagtaatag	ggttattaat	atgactagta		60
ttctaagact	ctcttaatat	gtgggagcag	gtagctcagt	ttacgggtag	acatttatgg		120
gtaagtaaca	acattgggtga	agtgcaaaaca	cctctctcct	agcacacaca	acacacacat		180
acgtacattc	tttttctttc	acacagacac	aaacacactc	ccatggacaa	agaaatgcta		240
cgaagaatth	ccttctctca	aatatgctgg	atgactctgt	taggttttcc	cacatagaat		300
ggagacttga	gtgttttagtc	tgggccccac	gcattgcagat	aagcaccaag	ttggat		356

<210> 494  
 <211> 351  
 <212> DNA  
 <213> Homo sapiens

<400> 494							
gacacaggtt	ggagcagaga	aagaggaaac	atagaggtgc	caaaggaaca	aagacataat		60
gatgtcatcc	aagccaacaa	gccatgctga	agtaaataaa	accataccca	acccttacc		120
accaagcagc	tttatggctc	ctggatttca	acagcctctg	ggttcaatca	acttagaaaa		180
ccaagctcag	ggtgctcagc	gtgctcagcc	ctatggcatc	acatctccgg	gaatctttgc		240
tagcagtaaa	ccgggtcaag	gaaatatata	aatgataaat	ccaagtgtgg	gaacagcagt		300
aatgaacttt	aaagaagaag	caaaggcact	aggggtgatc	cagatcatgg	t		351

<210> 495  
 <211> 292  
 <212> DNA  
 <213> Homo sapiens

<400> 495  
 ccatagttaa attatctaac tatgttataa acattgggaa taactatggt ataaacactg 60  
 ggaattacag agaaatatta tggaaagggtc tgattctaaa aatgcttata attgcttgga 120  
 gaaacttggc cgtgaatacc aagacaataa aagtcaaaca aaatccttaa tttagtttac 180  
 tgcagttggt catgtggcac tggcccttat ggaagcccaa aaaaagtatc cgtattataa 240  
 gtaaagctgt gccaaaacat gttaaagact tatatttctt tatacttata ga 292

<210> 496  
 <211> 346  
 <212> DNA  
 <213> Homo sapiens

<400> 496  
 gaatatggag attggcagtg gcagcgagag gttttggggg acagctccgc aactgatta 60  
 ttgagtcagc agttaatgga atctgccaac aaaaaactga aatgagattc catgtaaagc 120  
 ctacacaata gaaaaatgaa tgtttaatga gcatgaattg tatcatacca tgctgtttct 180  
 aaaagtctcc aagcttagag gaaccttaga gaggatctta atgagctata ataatagctt 240  
 ccattcgcaa actggtatgt ataagtctaa catgtccaca ttagatcgct gctccctcca 300  
 acaaacatgg ggaggcttag cagtttcctc tcaactctact aactgc 346

<210> 497  
 <211> 347  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(347)  
 <223> n = A,T,C or G

<400> 497  
 cgggcttact tctcacgatg tcaaagttca tcatacagtc acacagagct gcaagggagt 60  
 ctaggaaaaa cagtctcaaa aagtagaggt ggacagcttc tcagggatct cccaagctct 120  
 gatgactctc tcaactctgc ttctctctgg gttccagact agattctctc agaaaaagtc 180  
 ttggaatata ggatggaaaa aaaaatccag ctgctgcacc tatagattca cagtctgagc 240  
 ttctccacc accctctcag tctttgctga tcaaattcag gagaagggtta actagcctgt 300  
 cttgaaccgt atgtctatct ctgggataat ctctgcacct gagaaan 347

<210> 498  
 <211> 368  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(368)  
 <223> n = A,T,C or G

<400> 498  
 ctctcagcct cgtgctatac accattaaaa caacaaatga ctggctggaa atagaggctt 60  
 tcacagaaca gatcctgagc ctgtgacctt ccacatccag ctgcccatta tcctttggtt 120

cacggaaaca	gccctgacaa	gctcagcatg	gctacagagg	cctcctaaag	agaggggtgga	180
gcgaaacctg	ggccctctga	tatatgcacc	tgtggacgga	gactcttctc	tgtcctctat	240
cccttgtcag	atgccagggt	attagatatg	gctatccttt	ccccacacct	ctttaccatc	300
tgggaagccc	cttgggattc	actgagtga	tagcaatgga	agtttgtaca	ctangccgat	360
agcactgn						368

<210> 499

<211> 288

<212> DNA

<213> Homo sapiens

<400> 499

ctatgatcca	ggtaagagtt	gggggaactg	cagagtgacc	cgagctaggg	cagtgacttt	60
ggagttagtt	tctttacctc	tttgggcatt	agtggcctcc	tctggggctg	gacttagagt	120
cttgggagtc	ttttagtgcc	tactttgttt	tatttctgag	ccaaagtgat	ttggataata	180
cacagtactt	aaagaactga	agccaagcca	gcttccagtc	cctggggcca	gtatatgtgg	240
gaaaccggta	cctactgagt	ccccatggga	tgacacaggt	actgcct		288

<210> 500

<211> 393

<212> DNA

<213> Homo sapiens

<400> 500

cgttgctgtc	gaacacaatt	agccaactttt	tcagctacac	ttctcactca	gctgcaccct	60
acactttctca	ctcaggtgca	cccccttctg	ctgtcctttc	cccaacgtac	tgggtcccga	120
gcgtggtggg	tatttgccac	actgggtgcc	agctcagcag	ccccccacct	ctctttattc	180
tctccaaagc	tggctcttct	gactatcatt	gtggtagggg	gaggacagat	gctaaagggtg	240
gaagctgacc	tggagaaaga	gacacacggg	gtgactgtgg	caaaggacag	ctggaaaaga	300
aactctatca	cttcttcatt	ggcaaccaca	aggcacctga	ggccatggca	ctcccagagg	360
ctgtgcgcag	agccaagcct	ctcaacctct	tcg			393

<210> 501

<211> 368

<212> DNA

<213> Homo sapiens

<400> 501

taatattttt	aggagataca	gggtttttgcc	atgctgccta	agctggtctc	aaactcctgg	60
actcaagcaa	tccacctgcc	ccagcctccc	aaagtgctgg	ggttacaggg	atgagccact	120
gagcccgccc	ttaagacatt	tttcttacga	ggtatttttt	agcccttagg	gaaatttatc	180
atgaaagcaa	tagagttcag	agcaagaact	ctggaatcag	agctcatatt	tgattctgga	240
taaaacctga	agagttatat	aaccttggag	aagctaactg	ccattttgaa	ccatagtttc	300
ctcacgtggg	aaaagggttt	catgttaata	tatataactc	atggattata	atgaagacta	360
catgacaa						368

<210> 502

<211> 387

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(387)

<223> n = A,T,C or G

<400> 502

cgttgcctg	gcaggtgggc	atgaacgttt	gtaaacacac	cagcactgat	gcctccacat	60
gggtggccct	ggagaatgcc	ccaacagagg	tcaggacagc	tggggacgcc	gtctcagccc	120
tggtggccag	caccgcctta	cgtcaggagg	ctgcagtgcc	aaggacagca	agctatctaa	180
acccccagtg	tgtgcctcgg	ggagctanca	nntataangc	accattaaat	aaattggttg	240
tgcttgaaa	tgaaggagg	gcaatagctt	tgtaaattgg	gttacatttt	tctccttgaa	300
tttttctatg	gtcctagagc	tttccaatca	tttaatggca	ttgtcggata	tcttttacat	360
ttcaattggc	atccatgaaa	ttacatg				387

<210> 503  
 <211> 354  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(354)  
 <223> n = A,T,C or G

<400> 503						
ttgccaggc	tgagagtgc	gtgatgtgat	actggcttac	tgcancctct	gcctcctggg	60
ctcaagagat	tctcctgccc	cagcctcctg	agtagctggg	attataggtg	tacaccacca	120
cgcattgctg	cttttttggg	atgaaaaaaaa	agatggccat	aaacatagcc	tgtaggctct	180
tccatttctc	gtaacccaac	ctcctgaacc	cctagcatta	aagtgggtct	tcagaaaaaa	240
gggcagccat	tggggaccct	cagaaaaaaaa	gggattttcc	cttttctttt	attaacaaga	300
ggccgggtccc	cttgagagaag	agcaggttcg	ccttcgaggg	ccgcgatatc	gccg	354

<210> 504  
 <211> 350  
 <212> DNA  
 <213> Homo sapiens

<400> 504						
cagttactca	caaaagacca	cgtaccaaaa	taattgcggc	cttttccatt	aaatacaata	60
ccctataaaa	ctggaagaca	aactgggctt	gtgatttcca	gcccaaagaa	ataagatagc	120
cagatgcttc	tggcctgtat	agcttatgga	ttaacacatg	cgatgtcaag	atattcaccc	180
agactttgaa	caccattaaa	aataacatcc	tttttttgta	acttgaaagg	cacagatgta	240
cggagcctct	gctttgcccc	cactacctga	cttattgtaa	acgcctttct	tacataaaca	300
tgcatacctt	aacatcagag	atacattctt	tgagaaatgt	gaagccaggc		350

<210> 505  
 <211> 346  
 <212> DNA  
 <213> Homo sapiens

<400> 505						
gaagtggagg	tggcggggag	cctagattgt	gcctttgcac	tccagccagg	gtgttaagag	60
tgaaactcca	cctcacaaaa	aaaaaaaaaa	aaagccctt	tctaaaaaac	gccctggaac	120
ttaaggattt	ttacccgaaa	gcctttgggt	ttttaccac	ccactaaggg	tcttttcaat	180
accccttgga	aacccttggt	cttctgggaa	actggatggg	aaacacatgt	ttgggggaacc	240
ttgccccaaa	agcaatat	ctcccaaaa	ttcgggggtg	ccaaggactt	tcctttgcag	300
aaaattaatt	tgttatttta	taaaaggggc	cccgggtggc	cttggt		346

<210> 506  
 <211> 382  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(382)  
 <223> n = A,T,C or G

<400> 506  
 cgttgctgtc gggagatgct ggtcattctg gagaagctgc ggaaagtaac aggcaacgag 60  
 atgctgggcc tgcaggaggg ggaccttgaa gacgacttcg accctgcccc gcacgaccag 120  
 ctcatgcaca agagcttttg ggacgagttc tacggggccg cggaggagga gaagccacaa 180  
 tttgaggaag aagaagggtc tgaagacgac tggaaactggg acacgtggga cgggcctgag 240  
 caggagggat actggagcca gcaggagctg cactgtgagg accccaactt ctacatggac 300  
 gccgactacg accccagcca gccgaggaag aaaaagcgcg agggccccctt gacgggcaag 360  
 aagaaacgca agtccccctt cn 382

<210> 507  
 <211> 395  
 <212> DNA  
 <213> Homo sapiens

<400> 507  
 gtccgttgc gtcggggtcc tgttgcaata tgaggctgat ctggaagctc tggggggggg 60  
 gagattgtcc ctgctgtcct ttccagctat tgggtacagc attttgggca ggagaatcta 120  
 ggaccatgcc acatcagggtc tctccttaac ccattccatt cgactgttat cacagctatg 180  
 cttccagagt gctctgcgca ttttcacgat cagcaaacaa tgagcaaata tctgttctgg 240  
 aagctgggaa gtccaggatc aaggcactgt catctggaac ctgaggagag acttcttctt 300  
 gcacccctac atgggggggag acaaaagagt ggcagagaat gaatatactc ccagcccatt 360  
 cgagagggaa gagccctcac ctcatactt tctctg 395

<210> 508  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<400> 508  
 cgttgctgtc ggcggccac attgtccatt attcaactgc acgtgtgtgc tgcgtgcttc 60  
 acatcctcta ttgagagtta cagcaagtgt taaacgaggt gagttcacat aacaggaatt 120  
 ttggaactgc ttgaaaacta ggacgattgg gcaatatcgg gcttaactcc acctgatggc 180  
 aggtgacccg gatagaaaat ggccttgcgt ttagccagga tgtggctctc cagcttgggt 240  
 tcagtgtgat cacttggcag tgcgctttct ctttcgatag tgaaatcctt ctctatacct 300  
 atgttttgct ttggttctta aggtgggaaa cagaatgggc cacggagggt gagtgactga 360  
 agaccaaggg ttggtgcagc ctcctc 386

<210> 509  
 <211> 356  
 <212> DNA  
 <213> Homo sapiens

<400> 509  
 aaggctgttg tcatgtggca gagagaaagc cccttatgcg cgttaggggc cagaagttgg 60  
 cgctggtgtt tgtgcacggc tgtgagtaag cgcgtaataa ataaatcaga acgagatgga 120  
 cggagaccat gcgctgtgct ttcacctgc tcatcccca gctgaggagg tttctgaccc 180  
 ccatacccg cctgcagcct tcgagcaaat gtgtggaaag gaaaataacc catatcgaaa 240  
 tcagaacaac ggtgttttaa aaatacgaat tgagtctggc caggcgtggt ggctcacgcc 300  
 tgtaatccca gcactttggg aggccgaggc aggtgggtca cctgaggtca ggagat 356

<210> 510  
 <211> 352



<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(352)  
<223> n = A,T,C or G

<400> 510  
ctaataagaca tccaaatgca gcctacttgc aagcaggagt taagtcagtt tcactctcgt 60  
atcttgtatt tgtgccccca gcccttggag cgtaatgaga aggagccggc ggcagggaga 120  
caggaaccac aggactccac tccagctgtg gattctaacc cagacctctt cccccacatc 180  
cactaattct tcacagaacc tttaaactgg gtgtgggctc tctgcaagtt tcgctgtggg 240  
ttctaagtcc ttagtggttg atccacttga caactaattt ttttaagttg gtagctccct 300  
gcggtatttg acagtttttg gtttggtttt gtttttgaga caggggtctca cn 352

<210> 511  
<211> 298  
<212> DNA  
<213> Homo sapiens

<400> 511  
gaggcggggg gataagtctt aaagctgctt ttgcaaaaca agcatgtgtt tactggggcg 60  
cataatagct tgggcagctt ttgggaagag ctgctacaat ttgggaggga tgtcagtttc 120  
acacctccca tcaaaggaag gtgaggaaat ccactagact tacatcctcc aggccaaaag 180  
ctagaaagtg tccttttacc tgcattgctt caactgctg tccctgacgc cctgggtttca 240  
tgggtgctct gtacctactt taaggagact caccctgctt gtcacgaac gaaagagg 298

<210> 512  
<211> 348  
<212> DNA  
<213> Homo sapiens

<400> 512  
tttgggtatt cgggtattat tgatggtaaa ctgactaaaa tcatacatgg aataatagaa 60  
atcaggccta acatcagata gacttttcca ttcagttaag ttatttgtta gcaaaattta 120  
ttttgtcagt tcactacaca atgtgacagt atatagtctt tctaatagag taacattaaa 180  
gaggacatat aatataacca aaaatttgag ttccagataa gtttgggtgc tcactagcaa 240  
gatgaogtta aataactcat ttaatttttt tgaaaactta attttctgtt ctgtaaaata 300  
aaaagcaatc tgtctcttgt ccaaaagact atgtagggtt tttaaaaa 348

<210> 513  
<211> 368  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(368)  
<223> n = A,T,C or G

<400> 513  
acattcatca atgctctgga ccatagcatg gtgaggaaa ggtagagcag ctcaagtgcc 60  
caaggcccag agcctgccag gccaggatag gagagcatcc catggctgga ggagccctgg 120  
ggcagccact gccctctgcc tcccatagct ccagacacaa atcaacaggg ctggcggggc 180  
tcccagtgtg tagcctaggg caggataggg gagtcaactg cagccaggct ttctaagcca 240  
gagggccctt ggagatcttt cactgttgtt tcccatttac agtcagtga actgaggccc 300

agagaggggaa agtaactttc ccaaagaaac acagcaactg agtggcacgg ctgggattgt 360  
aactcccn 368

<210> 514  
<211> 349  
<212> DNA  
<213> Homo sapiens

<400> 514  
cacatacgcg tttctatctt tcttcctctc ctctgatct ccttaaaaat gaatctagag 60  
ttggtggctt tttccccctc ctctttggcc agttccacag ttcagttctt cctgaaaaca 120  
gggatgatga actttagga tcaggacaaa tgtgtgtttt tcaaaaactt aaggctgggt 180  
gtgaaacacc ttctgtggac aaggatttgt aaacttctct ctcctctcca gctgcgcccc 240  
cagcctaact gatagttact tgattcagtg tgctagacac ttaaatagca tctatgtctc 300  
tttcaaggga atttgtcaaa taatgcgtgt tagctaattg ttgcaagca 349

<210> 515  
<211> 349  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(349)  
<223> n = A,T,C or G

<400> 515  
tccattgcag ggtatcgcca ggtgccttga acttcccag gcaagaagac cctggagaca 60  
ggtagcaggg tggccagggc tgggggtggct tcaaaactca cagacaagca gatgcttcaa 120  
gtctgggaag cctaagccca ggtggctgca attctgatgt cacctagata agccactgtc 180  
aactctgcca tccccttccc caggctcaga ggctgaggac agagaagctg gggttgtgcc 240  
ccagntcttt ctagtaagac tcaaaggaca aagggtgggc ccagggaaca tgggtgaccc 300  
tggcctcatc ctcatgccc attgcttgca gggcaagggc tccagcttg 349

<210> 516  
<211> 383  
<212> DNA  
<213> Homo sapiens

<400> 516  
cggttgctgtc gattgagttt aaccatgttc caagagaaaa tacaattaat gaatagtcac 60  
aaggttgcta atctgatcaa tgccgggtga taggacattt aatctgattg tctgtgactg 120  
caattgcaca gagctttggc agccaagagg accgccttg ctggcaagag cgtttgtagt 180  
ctggtcactc cttgggggtg aggtggggct ggggagctgt gatgtaaaca gatgtgggga 240  
ggagagaagg cgcccagagc atgagaggaa ctggctgaaa ggatcgaaca cagggaggtg 300  
agccacaga aagtaggtac ctttcatgcc aggaatggga gagacagccc catttttttt 360  
tctgagacag agtctcgaag tgg 383

<210> 517  
<211> 361  
<212> DNA  
<213> Homo sapiens

<400> 517  
cctaattccc tcacaagcat tcagtccttc caccctgagg tgggtgaaatc cctgcaggca 60  
tttataagta tacctggaca gaagaaatac aagataccgt tctattaact caatatagt 120  
ttgctaagtt cgtacttttg ctttggttat tttattttat aaataggtat cactcgcatg 180

gttccaaatg	cggtaggcac	agagagtata	tatgatggaa	ttacatgctc	cttccctgca	240
ctcagcaacc	gagatattcc	cgctacgggc	actcaaaggt	ttcattgtct	gaaatatcag	300
gctaaacgta	gttcatgggt	aggaagcaac	aaccgtaa	aatccccatc	caaacggagg	360
g						361

<210> 518  
 <211> 365  
 <212> DNA  
 <213> Homo sapiens

<400> 518						
gggtgaagca	agtaaggagc	ataccttagt	cacagcccgg	cccttggtga	atgggtgtac	60
tataaactaa	atctgcctgc	caatcatggg	acaaggcaga	acacttgtct	atctctgtct	120
aagctcccct	gaaaatttat	gaagagatgt	ccgctcgcac	atgagtttga	gactaaaact	180
tatgtttcct	aagtaaaacc	cacatcagga	aaaccctagt	ccagtaaaat	ccaataacaa	240
gaacttctct	tatgttggtg	aaatccgtgg	ttgcttgaga	gaaacaagag	agaaataaat	300
tatctctaga	gaatttacca	aagaaaatga	accttaatcc	ttgtctcata	agatttctat	360
agaaa						365

<210> 519  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 519						
ggcagcagcg	gcagcagcgc	atttggtttt	tccacctgct	ggtgccctgg	aggctctgag	60
ccccggcggc	gcccggggccc	acgcggaacg	acggggcgag	atgcgagcca	cccctctggc	120
tgctcctgcg	ggttcctctg	ccaggaagaa	gcggatggag	ttggatgaca	acttagatac	180
cgagcgttcc	gtccagaaac	gagctcgaag	tgggccccag	cccagactgc	ccccctgcct	240
ggtgccccctg	agcccaccta	ctgctccaga	tcgtgcaact	gctgtggcca	ctgcctcccg	300
tcttggggccc	tatgtcctcc	tggagcccg	ggagggcggg	cggtcctacc	aggccctgca	360
ctgccttaca	ggcacttgag	atacctgcaa	ggtgtg			396

<210> 520  
 <211> 354  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(354)  
 <223> n = A,T,C or G

<400> 520						
cagcaggaga	tctgtccctg	cttcaatcca	cgagaagcct	cacaagtgtc	tggagggaga	60
aacgtccttg	aggacagtag	gaaactactg	tcctcagccc	tggaaactgt	gctaggtaac	120
tcagacaaat	caagtggccg	ttcagcagca	tcacactgca	ggaagtatgt	tccacaggtc	180
ccttgggcac	aaacccccag	cgaaccctcc	cacactgctg	ggaaatcccc	cttaggactt	240
tcctatttta	ggacagggca	gtgctctgat	gatttactag	agccaaggcc	aacctgggtt	300
atagcaccac	ctattgccga	aaagaaggca	gcaacctagg	agaaaaattt	anan	354

<210> 521  
 <211> 265  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(265)  
 <223> n = A,T,C or G

<400> 521  
 cgatatctgg aagggcaggg acatgagctg ggtggggggc aagtaggacc tccatcagtg 60  
 gggatatgac tcagctgtga gaaggacag atggagtga ggtccagcca ggggctgcag 120  
 tggggctggg gtccttagag ctcatatga gcttcagcac gaggtgggccc ttgtgtgtgc 180  
 acgtangtcc ttcccgaag gcctctccag agtaaaggtc atggtcagga atagttcatg 240  
 attggagact gaaactgcac atagg 265

<210> 522  
 <211> 378  
 <212> DNA  
 <213> Homo sapiens

<400> 522  
 cggtgctgtc gcaccctgat ggagacagag ggggacagcc cccacccatc tgtccccggc 60  
 agggctcttg ctctcacagc cccctggaac aagccccatg ccccaacctt gggcctggct 120  
 actggcccag aaggcaccag gcctcatgag aatgctgggg gaccccaaag tgggggggtcc 180  
 cataacctga cctcctgggg ctacacctca tgccctggaca agacgctgtg ggctgtccgg 240  
 gccttgaaca gccctgcagc tgcacccccg atcctgatac ctcaccccat tcactgccag 300  
 catgctaagg ctactggcgg gcctcctctc tgctcaaaat tatagacctg tctccctgac 360  
 acacctgctg tgccctct 378

<210> 523  
 <211> 344  
 <212> DNA  
 <213> Homo sapiens

<400> 523  
 tgaggtgccc tgccaggacc ctgccagctc ttgttggaca gggaccgcct ctctcctgcc 60  
 cattgacccc agggccagat gtgggacaga ggaatgtgca tgggtggggc ctgggcttct 120  
 ccgtgtgtgt cctgtctcct tccagcttct tagacgtggg ggcacagagt gcttttcagt 180  
 gcacccgagc catgatgagc gagtggctgt gatgaccac gcagccagtc ctttgtgcaa 240  
 ggagggggaag ggagggccct acccgtattc aagctcagct gtcggcactg tggtttcttg 300  
 caccctctta aacctgagac tccccctctg attgcagttg aacg 344

<210> 524  
 <211> 348  
 <212> DNA  
 <213> Homo sapiens

<400> 524  
 ttcattcgtc cgccaccaca gaaatccaga aacgaatata tagcaccaga atttttcacc 60  
 agcaacaacc cagaactcaa atatgggatg aaacaattcc tggagccaca aaaaagtgga 120  
 gaaactccaa gcagatagga aaagaatcca gactcccaca tccacaatgc cctcccccca 180  
 aattcttccc agcgccaagc acacaggaaa tcttccctca attcacagtt tatgtacttg 240  
 aaaaagagag attgagatgg tcaaccggct tccccacctt cttgggttcc cagcaggaga 300  
 cttgtccttg ctttaaccca caggaatcat catgactgag tgaaggaa 348

<210> 525  
 <211> 378  
 <212> DNA  
 <213> Homo sapiens

<400> 525

cgttgctgtc	gggaagaaga	gccaaaccaat	cacaccagag	cttccaccga	cagcagaggg	60
gacgtaacac	accttctttc	cctctcgggt	ttccttcccc	ttctctcccg	ccttctcctt	120
attcatacca	gaagcgctc	agctctgatt	ggctggagct	ctgtgctatc	tcagccaatc	180
acaagccggg	ctgtgctcct	acaccatccg	aagagcgaat	cgtgcagaga	ccgtgtctac	240
gattggcctc	tccttgacaa	ggatttaatt	ttgaattttt	ctttatggcg	tgggagaggg	300
cacagcccgg	actccatcga	ctcccccggc	tcttagacta	aaatcatgcc	caagttcaaa	360
caacgaagac	gaaagcta					378

<210> 526  
 <211> 349  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(349)  
 <223> n = A,T,C or G

<400> 526						
acaccagaa	aagcccggtc	caagctcggg	aagttgcaga	ggagaaaacc	tggagtctag	60
cgtcctggct	ctgcctgggt	atgggccagc	ggcccgtgcc	cagagaaaacc	cactggagga	120
ggatggaggg	cggccctgcc	cccgggacag	accagccttg	accggagcga	aggagggagt	180
gcgccacgca	aagcaccaca	ggcggcgcg	gggccttccc	tggaaggcca	ggctcctttc	240
caactgggct	gcctctcggc	ttcaacgtcc	taaagcgggg	acggctgaac	cccggncatg	300
gctgacttga	ctccacctcg	gaatacttga	taggggttcgc	ctatcgctc		349

<210> 527  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(394)  
 <223> n = A,T,C or G

<400> 527						
cgttgctgtc	gccagagttg	cgaggagttt	tttaactgat	ttagccaggt	ggcaatcatg	60
agtgaatgga	tgaagaaagg	ccccttagaa	tggcaagatt	acatttataa	agaggtccga	120
gtgacagcca	gtgagaagaa	tgagtataaa	ggatgggttt	taactacaga	cccagtctct	180
gccaatattg	tccttgtgaa	cttccttgaa	gatggcagca	tgtctgtgac	cggaattatg	240
ggacatgctg	tgcaactgtg	tgaaactatg	aatgaagggg	accatagagt	gagggagaag	300
ctgatgcatt	tgttcacgtc	tggagactgc	gaagcatata	gcccatagga	tctggaagag	360
agaaagaaca	gcctaaagaa	atggcttgag	aaan			394

<210> 528  
 <211> 282  
 <212> DNA  
 <213> Homo sapiens

<400> 528						
ctcccccttca	catctgggca	gctgccatgg	ggcctagctc	aaagaagggg	ccccctccca	60
gggccagctt	caggatctga	tcctgcccc	cagctctacc	ccacaccata	ctatgctggc	120
ctcgctgagt	cacatgtgca	ggtgcccc	ccctcaaaca	cctgtgacct	cccagcctca	180
taccaagtct	ttggctcttc	tgagaccct	agcacctgtt	gacgcaactg	tgctaattgag	240
ctgggaaagc	ttcccccaacc	ccgtcccaca	taaggggggt	gg		282

<210> 529  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 529  
 cgttgctgtc ggtgcgggcgt ctgatttctt tgtgctaacc tggcagctgt ggggccccta 60  
 ggagcccccc accgaggggtg gacacagtcc ctttccttcc tgcagatgcc taggcaggag 120  
 gagggccttc tgccctgtttg gcaaagtccc aggcagaggc caaggatgag gcctgactcg 180  
 gctcctccct ccacatcagc cagggcatca gaagttgggc cagggcgggg ccttccctgc 240  
 tcgatttttg acgaggccta agtaaaccct ctatgccctg ccccagacct ggctccttcc 300  
 taacccctc aacgggtggga ggaactggca aaaggtgcgc ctgggcacaa acttcccgga 360  
 tctaaaggcc ctttccagat tttgaccaa ggggcg 396

<210> 530  
 <211> 389  
 <212> DNA  
 <213> Homo sapiens

<400> 530  
 tactacgggtt ggcacatgac gacagacggt gacgggtgcg ggcagaccac agctggattg 60  
 cgctgcgaaa agagctctat ttgggacggc tgcgatgcta ctgctgtatg tgcgcctgt 120  
 atgagctcga ctaaaccgggt ctggctgcga caatacgcac tgattgtatg ttttgcgttc 180  
 agacgaagga gggggacggc tttgttgaga attcccacat ctttgggttc agcttggcat 240  
 taaagagtgt agtgataaat tattgatgtt ttttatggga acggggaggg cccgcacaaa 300  
 cgtcattgtac ttgctatcct gatctactct agttcttttg ttttccaggt gaggaacta 360  
 aaatctactg aacttagtct ataataagc 389

<210> 531  
 <211> 385  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(385)  
 <223> n = A,T,C or G

<400> 531  
 ggcacgagat gccgagcaac tgtggcctgg aagagaaaat tgccaacctg ggcagctgca 60  
 atgactctaa actggagtgc aggagtttct gggagctgat tggagaagcg gccaaagtgc 120  
 tgaagctgga gaggcctgtc cgggggcact gagaactccc tctggaattc ttgggggggtg 180  
 ttggggagag actgtggggc tggagataaa acttgtctcc tctaccacca cctgtaccc 240  
 tagcctgcac ctgtctcat ctctgcaaag ttcagcttcc ttcccaggt ctctgtgcac 300  
 tctgtcttgg atgctctggg gagctcatgg gtggaggagt ctccaccaca gggaggctca 360  
 ggggactggt tgggccaggg atgan 385

<210> 532  
 <211> 392  
 <212> DNA  
 <213> Homo sapiens

<400> 532  
 ggcacgaggg tgtgtctgtg tttgagatga ggctgtcgtc tttcaaaggg tgtgtccatg 60  
 gctgttatcc atgtagctat gtctctgtgt gaaggtgtgg ctattgtctg tgatgacatt 120  
 gcctcggaga gtgcattctga gggatctaca agactgtctg tgtccaagag tgcagctgtt 180  
 ggcggtgagc ctgtgtgact gtggctgttg ccttagagtg tgggtgtgtg ggtattgcac 240

agaggggtgta tctgtgtgca gtggtgcata cgttaggggtg tgtgggaaca tgacgttgtc	300
tttgagagtg gtttcatgag gggtatttgt aaggggtgtga ctgttgcttg agagagtgtc	360
cgggtggtct ttgcgaaact cgggtgcctgt tg	392

<210> 533  
 <211> 381  
 <212> DNA  
 <213> Homo sapiens

<400> 533	
ggcacgaggc ccccttcagg ctaagtttca tgcagggaca gacccagaaa gaacacagtc	60
tgccctcaga gagctctttg cagtgtagt acactggggg ttctgcagtc agggaggagg	120
gaggggtggc aggtgacag ctttttgcaa gaggaggggg accagcacca gctgggaggc	180
ataggctagg acaggccac gtggaggctg ggcaggaagg gcctgctgag gtcacacagc	240
tggttggtgt tggggccagg cggttccctc ctttcagaat gctaggggtg ctctcaccac	300
tggcgcctc tccttgccag gcctgccaac tcaggggaca gatggagcac gaggggagaa	360
agggaaaggc aggtctggtg t	381

<210> 534  
 <211> 387  
 <212> DNA  
 <213> Homo sapiens

<400> 534	
cggtgctgtc ggacatcgca aacgtcgcag gacttccagc aagtcggagg caggggctag	60
gggtggaggc caggggttcca aggaaaagg cggagggagt tggggaggcc gccaccacca	120
ccaccaccca ctgcctgcag caggcttcaa aaagcaacag cgcaagttcc agtatgggaa	180
ttattgcaaa tactatgggt accgcaatcc ttctgtgag gatgggcgcc ttcgggtgtt	240
gaagcctgag tgggttccgg gccgggacgt cctagatctg ggctgcaatg tgggccatct	300
gaccctgagc attgcctgca agtggggccc gtcccgcag gtgggcctgg atatcgattc	360
ccggtcctc cattctgccc gccaaaa	387

<210> 535  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(386)  
 <223> n = A,T,C or G

<400> 535	
cggtgctgtc gctgaagcag tggatccagg gcgggaagca ggagacacag ctgctggaag	60
actacgtgga agccatcgag ggtgtcagaa cgcacctgct gcggcactcc gagcccagta	120
agctcacctt tgtgggggag cttgcccacg gccgcttcag tgccaagatg gaccacctgg	180
tgtgcttcct gccagggacg ctggctctgg gcgtctacca cggcctgccc gccagccaca	240
tggagctggc ccaggagctc atggagactt gttaccagat gaaccggcag atggagacgg	300
ggctgagtc cgagatcgtg cacttcaacc tttaccccca gccgggccgt cgggacgtgg	360
aggtaagcc agcagacagg cacaan	386

<210> 536  
 <211> 364  
 <212> DNA  
 <213> Homo sapiens

<400> 536

aataaaagtt	tctttaaggc	agataaaagtt	acaatgctgt	ggaataaaaa	agctactgct	60
gtgttggtta	tagctagcac	agatgttgac	aagacaggag	cttcctacta	tggagaacaa	120
actctacact	acattgcaac	aaatggagaa	agtgtctgtag	tgcaattacc	aaaaaatggc	180
cccatttatg	atgtagtttg	gaattctagt	tctactgagt	tttgtgctgt	atatggtttt	240
atgcctgcc	aagcgacaat	tttcaacttg	aaatgtgac	ctgtatttga	ctttggaacc	300
tggcctcgta	atgcagccta	ctatagccct	catggacata	tattagcatt	agctggattt	360
ggaa						364

<210> 537

<211> 389

<212> DNA

<213> Homo sapiens

<400> 537

ggcagcagca	gcaacaagtt	catgctggtt	ctggccagca	accaaccaga	gcagttcgac	60
tgggccatca	atgaccgcat	caatgagatg	gtccacttcg	acctgccagg	gcaggaggaa	120
cgggagcgcc	tggtgagaat	gtattttgac	aagtatgttc	ttaagccggc	cacagaagga	180
aagcagcgcc	tgaagctggc	ccagtttgac	tacagggagg	aagtgtctcg	aggtcgctcg	240
gctgacggag	ggcatgtcgg	gccgggagat	cgctcagctg	gccgtgtcct	ggcaggccac	300
ggcgtatgcc	tccgaggacg	gggtcctgac	cgaagccatg	atggacaccc	gcgtgcaaga	360
tgtgtccccg	cagccccagc	agaagatgg				389

<210> 538

<211> 393

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(393)

<223> n = A,T,C or G

<400> 538

cgttgctgtc	ggatagtgat	gggggtgacg	gtggaagcag	gtcaggtgaa	acaggggaca	60
cccatgtgtg	tcccaagcaa	aaattttgtt	gacatcgga	tagtaacaag	tattgaaata	120
aaccataaac	aagtggatgt	tgcaaaaaaa	ggacaagaag	tttgtgtaaa	aatagaacct	180
atccctgggt	agtcacccaa	aatgttttga	agacattttg	aagctacaga	tattcttgtt	240
agtaagatca	gccggcagtc	cattgatgca	ctcaaagact	ggttcagaga	tgaaatgcag	300
aagagtgact	ggcagcttat	tgtggagctg	aagaaagtat	ttgaaatcat	ctaatttttt	360
cacatggagc	aggaactgga	gtaaatgcaa	tan			393

<210> 539

<211> 395

<212> DNA

<213> Homo sapiens

<400> 539

tgggacctca	gggccacact	gaacgccttc	ctgtaccgca	cgggccagca	cagcaacaag	60
ttcatgctgg	tcttgccag	caaccaacca	gagcagttcg	actgggccat	caatgaccgc	120
atcaatgaga	tgggtccactt	cgacctgcca	gggcaggagg	aacgggagcg	cctggtgaga	180
atgtattttg	acaagtatgt	tcttaagccg	gccacagaag	gaaagcagcg	cctgaaagctg	240
gccagtttg	actacgggag	gaagtgtcgc	gaggtcgctc	ggctgacgga	gggcatgtcg	300
ggccgggaga	tcgctcagct	ggccgtgtcc	tggcaggcca	cggcgtatgc	ctccgaggac	360
ggggtcctga	ccgaggccat	gatggacacc	cgcgg			395

<210> 540

<211> 396



<212> DNA

<213> Homo sapiens

<400> 540

ggcacgaggg	acctcagggc	cacactgaac	gccttcctgt	accgcacggg	ccagcacagc	60
aacaagttca	tgctggtcct	ggccagcaac	caaccagagc	agttcgactg	ggccatcaat	120
gaccgcatca	atgagatggt	ccacttcgac	ctgccagggc	aggaggaacg	ggagcgctg	180
gtgagaatgt	atTTtgacaa	gtatgttctt	aagccggcca	cagaaggaaa	gcagcgctg	240
aagctggccc	agtttgacta	cgggaggaag	tgctcggagg	tcgctcggct	gacggagggc	300
atgtcgggcc	gggagatcgc	tcagctggcc	gtgtcctggc	aggccacggc	gtatgcctcc	360
gaggacgggg	tcctgaccga	ggccatgatg	gacacc			396

<210> 541

<211> 319

<212> DNA

<213> Homo sapiens

<400> 541

tattattctc	attggctgcg	gtagatgagg	tatttttagg	ccttacctaa	ttcatctgta	60
aaaaataagt	taatgttttt	tgaatgcctg	ctactggggc	caagggtag	acgtagctca	120
tctcagtgtc	ctctaccacc	ttacagggag	agaataccgt	ttgcaaatag	gggccccaaa	180
agatcaactgt	gctggcccaa	agtcacacag	ctgataagtg	gcagggcaga	ggcctcattg	240
tgctcccag	tacaaagata	gcagtctctt	cctgcattac	agaatttgtga	gaatgagaag	300
ataatgaacc	agaaagcac					319

<210> 542

<211> 301

<212> DNA

<213> Homo sapiens

<400> 542

atgcctggct	aattttttat	ttttagtaga	gatgggggtt	caccatgttg	gccaggctgg	60
tctcgaactc	ctgacctcaa	gtgatctgcc	caccccagcc	tcccaaactg	ctgagatcac	120
aggtgtgagc	catcgctgcc	ggcctgttta	atgaatttct	gactggaggc	ttattttttt	180
tgttttttct	acaggggtct	tttgagagga	tgacagtggg	aagcgccctac	tgtggctgtt	240
gcggctgcag	gcctggctcc	ttccactctc	gggctgccct	tcacggtgcc	aggtttgtgg	300
g						301

<210> 543

<211> 340

<212> DNA

<213> Homo sapiens

<400> 543

tatttttgcg	tggaatataa	taatatctga	aacctccaca	ggtcctttat	acataacatt	60
ctacctacaa	ataagagtca	ctacacatgt	gaagcagcaa	tgcatatga	ccaataatca	120
agaggggaaa	aaaaaagcaa	aacaagcaaa	tagatgatct	gcataattga	agttaacaga	180
caagaacttt	aaaacaacca	taattgggac	ttctggatag	ctaagggcat	aacagctgca	240
ccatttagct	atatgcctcc	ctgtatttcc	tccttaaaga	attaaaacca	acaaaaaatg	300
gtatgtaaat	ctagacgaaa	ccatgccttc	ggcataactt			340

<210> 544

<211> 328

<212> DNA

<213> Homo sapiens

<400> 544

ggaaaaaaaaa	gcaaaacaag	caaatatagatg	atctgcataa	ttgaagttaa	cagacaagaa	60
ctttaaaaaca	accataattg	ggacttcttg	atagctaagg	gcataacagc	tgccaccattt	120
agctatatgc	ctccctgtat	ttcctcccta	aagaattaaa	accaacaaaa	aatgggtatgt	180
aaatctagac	gaaaccatgc	cttcggcata	acttgaagac	agagaatgct	aaaatattaa	240
aatgaccgtg	actaggctgg	gcacagtggc	tcacacctgt	aatcccagca	ctttgggagg	300
ctgaggcagg	tggatcactt	gaggccag				328

<210> 545

<211> 324

<212> DNA

<213> Homo sapiens

<400> 545

aaggcagcag	gtgccagtgt	cagtaaaggc	cctgcctggc	tcccttgctg	agaatccagg	60
ctatgcctga	gctaggggtgt	gcacgtgtgt	gtgactgtgt	gtgtgtattg	caaaacaaag	120
tttcttggg	ttagctagat	ttcattttac	cttctgagtg	agcttgtatt	ttccatggaa	180
aatggacaat	tctttctttt	ccatagggtca	ggaagctgtt	cctgcattct	ttgggaccag	240
aaaaataatt	ttcattttatc	ttctgtcatt	atctgactct	ttcctcctaa	atctcattta	300
cactgatgta	aatgtaatat	ttta				324

<210> 546

<211> 333

<212> DNA

<213> Homo sapiens

<400> 546

tcattacatt	atcttctctg	taattaattt	gctaaacgga	ggtgaacaaa	gtagtcctaa	60
actaaaattt	atctaccatt	tctcctttta	atacaaagac	aaatatgac	tattcatgac	120
attataccac	tgcttctgtt	atctcccata	ttacttggc	gtagttgttt	aaaacattct	180
tttcttcttt	gtagatgaag	aaaatatgac	agtgaataaa	cgattactat	tgatcagtca	240
tagttgttta	aaataatgtc	taatgggctg	ggtgcgggtg	ttcacacctg	taatctcagc	300
actttgggaa	gccgaggcgg	gaggatcacg	agg			333

<210> 547

<211> 341

<212> DNA

<213> Homo sapiens

<400> 547

aacggccagg	aatgctcaca	aatatagtga	cagtaatgg	gtcattctga	ggccttcgcc	60
tcaaggcagg	gcttgaaagg	ggataaagtc	taatggcact	agctggcatt	tcaaattcta	120
gatgcctgag	gcagactggc	accgaaacag	ctcctcgttt	ctctcaaagt	gaacatataa	180
ttcatagagg	gttaacaaaa	taatatcgtg	aagtttttcc	cctttaaatc	tctaacgggtg	240
gcggggcgcg	gtggctcacg	cctgtaatcc	cagcactttg	ggaggccgag	gggggaagat	300
cccttgaagt	caagagtcog	agaccagcct	gggcaacatc	g		341

<210> 548

<211> 332

<212> DNA

<213> Homo sapiens

<400> 548

gtctgatcat	atatacctgat	ttttaggtaa	gaatacatag	ccatgacagc	aagagaatat	60
ctctgcagct	tctgatgtac	actgaagagc	aaaataactt	aagacatgta	aagttagggtg	120
cctcaaaaag	taaactctgc	atgctcccaa	ggggaaaaac	aattctacaa	aacagagagt	180
taaaaaaaaga	gaaagaggcc	gggcacagtg	gtccacgcct	gtaatcccag	cactttggga	240
ggcgaggcag	gtggatcaca	aggtcaggag	attgagacca	tcctggctaa	cacggtgaaa	300

ctccgtctct actaaaaata caaaaaatta gg

332

<210> 549

<211> 328

<212> DNA

<213> Homo sapiens

<400> 549

ctgtgttgca	ggcataaacc	caagtggctt	ttaaagatca	gctgtgatta	atagtagtca	60
gttggaagtc	agagtcacat	gtttaaaatt	tagctcaaca	aatgggtggct	tgcttggttag	120
ttcctgtgtt	taacattatt	tttggaagaa	aaagaaaaaa	aaggaaggta	gaggaaggga	180
gaatgttttg	attgttttct	aattttattga	tctctccctt	gcatcatcac	caagactgtt	240
aactgggtcc	cagaatgttg	tgggttgagc	ttctgtgctg	taatgtgggt	tgattttttt	300
agaggggaga	taaggggtatc	tcctgtct				328

<210> 550

<211> 319

<212> DNA

<213> Homo sapiens

<400> 550

gagaactaag	tatcttctct	gcattagcca	taacacatat	tattttaatt	aagggttctg	60
ttttttta	catctcatgg	aaacactgag	tctaggctga	gatgggggcc	tttagtattg	120
gatgaggtc	acttatgccc	actagccttt	atgtaggtat	gttttacatt	tcttaacatg	180
cactcattta	agtgtatgat	taaatgactt	tcagtaactt	tagtgagtgg	tacaaccatc	240
actagaaatc	agtttttagaa	catttttatct	cttcagtaag	atatttgtga	ctgtttacag	300
ttaateccctg	ttcttacct					319

<210> 551

<211> 332

<212> DNA

<213> Homo sapiens

<400> 551

tctgtatcc	tacttgagct	tctgtatcca	cttgtggtac	cacatgcttc	acagtgtttt	60
gtcatgggtt	atttacatga	caatcaccag	tagaagtttg	gaagattttt	gaagatagga	120
cactatcatc	atcattttga	atctctacta	tctagtacta	acccacaaat	aacaagcact	180
tgagaaatgt	ttgagtgcct	gagtggatca	gctttccact	tggtaaaact	ttaggtaa	240
ttcatcctgt	taaactggtc	ctgtgtatta	gccgctcact	taccaccatt	tgtctctctt	300
tcacatcaat	tggatgaatag	aaaaatggct	ct			332

<210> 552

<211> 177

<212> DNA

<213> Homo sapiens

<400> 552

cacttgatgc	atatactaaa	ttttctttga	tcaattttta	gtgcctcaat	tttttagtccc	60
tttaattaga	aggtagccag	tatccagtac	caaaaattga	gaacactgtt	tcctgatcta	120
aagagttcct	ttttactggt	catgcttgct	ccaaagatat	ttttctcata	ctgatgg	177

<210> 553

<211> 328

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(328)  
 <223> n = A,T,C or G

<400> 553  
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 aatatatcca tcaccacaca tggttaccat cctttgagtt ttaaggtgaa ttaatggaat 120  
 gcgtgtcatt catatgcata ttcatatgca tgtcatttgc ataccattcc ttgactcaag 180  
 aaagttgcta tatgagtgaag agataattat tgatcatatg aacttaagat acaattattc 240  
 tcatctggcc aggtgcagtg gctcacgcct gtaatcccag cactttggga ggcagaggca 300  
 ggtagatcac ttgaggtcag aagtttgn 328

<210> 554  
 <211> 335  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(335)  
 <223> n = A,T,C or G

<400> 554  
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 ctaatccaag gctgtgatca ttttaataac tctccacaaa ggctcagaaa atttctccac 120  
 ccattgaattt cttctacaca gctgtgatta taatgtgata caaaagcaac atccttcagc 180  
 tagtgaggtt gccaggagag agtggcagag ccgcagagtg tggggtagac cctacatttg 240  
 aatccatcag caagccgtgc tttctgcctc tcaacacagg cacagcaaga gtctttaaag 300  
 gagaaagaca actgcggngc ctggttaaacc gaaat 335

<210> 555  
 <211> 329  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
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 <223> n = A,T,C or G

<400> 555  
 cttagcacia cacagaaaag ctttaaacac tcttaccttt gactggaatt acacacacac 60  
 acacacacac atacacacac acacatacac acacacacac taaggctttc ccacaaagcc 120  
 atgatgcatc cttaaaaata acacacagct ctgaaaagtg aatgtcgggg gtgaagagag 180  
 cctcctaca ctccttttcc tagagatgac aagggtgtgg gggcatggct gactgtgagg 240  
 agcaaaaaat gagaggggaga tatcatttta cttctttgta ctgcnataat aaaaagaaca 300  
 gatagaatgg aaggaagagg ccaggggca 329

<210> 556  
 <211> 229  
 <212> DNA  
 <213> Homo sapiens

<400> 556  
 atttttttaa ttttaatatgt tacaaaatag ctgtagtata atatttttaa ttgatggatg 60  
 gatttatcca catgaacgac atggcataat ctatgcctaa tactctctac ccagctgggc 120  
 attgttgact attcaatggt tacgaaatag atcccatccc tacttgactc cagaagtgct 180

atttttctaag tacatgttga aaagtataat ttcaatcagt caagaatcc

229

<210> 557

<211> 267

<212> DNA

<213> Homo sapiens

<400> 557

gcccacctac	agtcctggca	gaattggact	tcagcagaac	cggggtcctc	ccttttgttg	60
gcctgtgggg	aaacacttct	gatgggcccc	tttttgtaag	gttgcaagta	gtcacatgaa	120
tactatcagc	cacactggcc	agatcagggg	acaatcctat	gtcctgggac	ttgaaacggt	180
cttgtccacg	tgtggcgctt	ggtgactacc	atggccaggg	accagcaggc	cctgtctgcc	240
ttcagcctag	agcaggggctc	tgagccg				267

<210> 558

<211> 338

<212> DNA

<213> Homo sapiens

<400> 558

tccaagtttc	cccaaacatc	ttacagttta	agtgagggta	accattgata	gactatatat	60
tgtaaaaaga	tactagtact	tctgaggaaa	tttacaattc	agcaacacaa	cttataaaat	120
accattaaaa	tgctgtcttc	tattcatact	gcgaaaacct	atagagctat	tttgaaaaaa	180
caaaaaccaa	gaaagctctt	tatgtccttg	acatagtaag	gtctctaaat	atatagcaaa	240
tagagaaagg	gagatcagta	cagtgtgtat	attatgacac	catttgtaaa	acattatctg	300
cgttcatcat	tttcttatat	atgtataaaa	taactcag			338

<210> 559

<211> 325

<212> DNA

<213> Homo sapiens

<400> 559

gagaactaag	tatttttctct	gcattagcca	taacacatat	tattttaatt	aaggtttctg	60
tttttttaat	cacctcatgg	aaacactgag	tctaggctga	gatggggggc	tttagtattg	120
gatgaggctc	acttatgccc	actagccttt	atgtagggtat	gtttttacatt	tcttaacatg	180
cactcattta	agtgatgat	taaatgactt	tcagtaactt	tagtgagtgg	tacaaccatc	240
actagaaatc	agtttttagaa	catttttatct	cttcagtaag	atatttgtga	ctgttttacag	300
ttaatccctg	ttcttaacct	gaggc				325

<210> 560

<211> 336

<212> DNA

<213> Homo sapiens

<400> 560

tcctctttgt	aatatctaca	tgcccagtac	ctaatatata	tttattcaat	gtgatatttc	60
ttatcaattc	atacctgaga	attcacttaa	ctttgccatc	acatgagttc	tagcaagcag	120
gaatatacag	tgattatgcc	tagaatttta	aacatcagat	ctgacctaa	aaataacaat	180
cccaactgta	agaaagaagt	ggtttgggga	agtcaaacac	taaagaaata	ctttcaaacc	240
agtctaaaac	taactaaatg	gttaatctta	tattaacaaa	aacatgcaac	ctagattaac	300
aaaagcatac	aatctcfaat	ttcattatgt	gcattt			336

<210> 561

<211> 323

<212> DNA

<213> Homo sapiens

<400> 561

actaaaaata	caaaaattag	cgggacgcag	tggcacgcgc	ctgtaatccc	agctactcaa	60
gaggctgagg	cacgagaatc	acttgaaccc	gggagggaga	ggttgcagtg	agccaagatc	120
gtaccaccgc	actccagcct	gggtgacaga	gtgagactct	gtotccaaaa	aaaaaacttt	180
gcttgtatat	tatttttgcc	ttacagtgga	tcattctagt	aggaaaggac	aataagattt	240
tttaacaaaa	atgtgtcatg	ccagcaagag	atgttatatt	cttttctcat	ttcttcccca	300
cccaaaaata	agctaccata	tag				323

<210> 562

<211> 340

<212> DNA

<213> Homo sapiens

<400> 562

ggaagggtga	gattttctac	tgcattagtt	gaggcaatat	tagctataac	aaaacagatc	60
aaatagtgtg	taatgactca	ttccaaataa	acatttggtt	ttcatttatg	taactattgc	120
aggttggtag	gggactttct	cctccttgca	gatattttgg	aatccacctt	tgaagatggg	180
aatacaacat	gtgacttata	agatttagta	aataggggaat	acagagggca	aatggaaatt	240
cagtaggcaa	caaatgggtg	ccaatgttat	aatcattcat	gtgaagtttg	gtaaatatcc	300
cactccattg	ttttatagtc	tgaacacttg	attttacata			340

<210> 563

<211> 321

<212> DNA

<213> Homo sapiens

<400> 563

ataaaccatg	gtcattttta	ggcatgtatc	attcattttac	tcatagtttg	gtttacttaa	60
attatcagga	atacaatggt	gcaatgatgc	ttaaaaaaca	cttgtagttg	ttccctgtac	120
caggcaatgg	ttataattaa	aatgatatgc	tggtgagaag	ccactcttaa	gagtcagatt	180
tgtttaatgt	tatgggcagc	taccaaattt	gggtgtctct	tgtatatatt	ttgtaagaat	240
ctcatttttt	atgcttgaaa	gatttggtga	aaagaatgtg	gttgaccata	atttgcaaca	300
ttgtcttatt	aaaaataaac	t				321

<210> 564

<211> 327

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(327)

<223> n = A,T,C or G

<400> 564

aagcccaaat	tttaatgcac	ttctgacttt	aaaacttggt	atttcttata	tatcctttga	60
cctccttaga	actgacattt	aactccctaa	aaaaatacta	gagcttggtt	gtcaggcaaa	120
ctacattttac	tagacttact	agtactctca	ttgaagaaac	agtgagtata	ttagtccatt	180
ctcacattgc	tatccagaca	caccaagtc	tgngaaat	attatttatt	tatttatctg	240
aggcagagtc	ttgctctgtc	accaagctg	gagcgcagtg	gcgcgatctt	gtctcattgc	300
aaggctcgatt	ctccaagttc	aagggtg				327

<210> 565

<211> 193

<212> DNA

<213> Homo sapiens

<400> 565  
 caaatacctt ctgtgcaaag atagactatg aataatgact ttgttttctt ctatttattc 60  
 atggtcagga aggacatatt ttccttcctt actatcatct tgctgtcaaa cttcttgagg 120  
 ttaacttggg tatatagtct ttactttgga aaggagagta gttaaactctg accaatttaa 180  
 ttgatcagaa aat 193

<210> 566  
 <211> 334  
 <212> DNA  
 <213> Homo sapiens

<400> 566  
 ggcgtctaca ttcacggcgg tcaactccgtt tctgtctcct tttgtttggc acctgtcagt 60  
 ggatggaaga tgaaagtttc aaagctcatg gtaacagcag ggctctctac cccaggggtt 120  
 tctacctgtg tctggcagtg ccttaagagg atgatccaga ggcttcggag gagggcgacg 180  
 tgggaaggag caggtagccc aagctcccat ctcccaccca atcgttcggg cagcttgagg 240  
 ccacgtaaca tcttgtcatt ctaaatatgt cagattttaac ttggaaaaca aaaaaaaaaag 300  
 aattccactc ctaaaaaatt ttactaagaa atat 334

<210> 567  
 <211> 326  
 <212> DNA  
 <213> Homo sapiens

<400> 567  
 gactgtatct cattggggat acgaagctct acacacttga agatggtgaa ggaatataaa 60  
 aatctatgtc tcacagtcca gacttgaggt acaagtaata agaagaataa aacttaatcc 120  
 cttaaagtaga ttcaccataa gttagctcag agcaattcca gtgcaagtat ggtctgtgat 180  
 ccagtagtat cttacagaca gcaagttgaa cattgtggga tgcattgagct attgaggcct 240  
 ttgcagcttt ctgctacatg gaggttaggg ccagagtcaa gatttatgct ttgcagcaca 300  
 ctgggtcagct gtttttgcaa atcaag 326

<210> 568  
 <211> 329  
 <212> DNA  
 <213> Homo sapiens

<400> 568  
 aaataagaaa atgtaaagga ctttgacaaa tgtaccggct cagaacattc tgagaagaca 60  
 attttttaat gtaaagggtga tgattgaata gttggatatg tgcacgttta gcaaaaatgg 120  
 gttaggcaca gttaagagta ggtattttat tcaggaagaa tagaaggcaa ctagatgggg 180  
 gagtttggcc tgagttttga ctttgatag aaatgattgt gttttctttt tttttttttt 240  
 tgagattgga gttgggtttt gtctccatg ttggtagttt ttgggacttt ttcttggggtt 300  
 acacatcttc tagttctctg tagtgtgag 329

<210> 569  
 <211> 337  
 <212> DNA  
 <213> Homo sapiens

<400> 569  
 aaaacattaa atcttccttg gggaaaggta catcatccag agatgcaata tttaaaaaga 60  
 atgccccgca ttcatacaaa cattatgagg cgtatcagaa ataagaccaa ataaccacaa 120  
 ccataagaaa aaaagacaag gaaaactcac agacgattgg ctaatgagac tatcacagat 180  
 aatttttttt aaatctatta ttaacatggt caataaaaag atgaaaagat ggagaatttt 240  
 attagagaaa tggaatatct aaaaatgaat tacttgaaga gttgctaaat gaaatgtaga 300

ataactgtaa gtgaaagcac agttggtgta acagcgg

337

<210> 570

<211> 330

<212> DNA

<213> Homo sapiens

<400> 570

tgatagttaa	gatcaattaa	ccaattagtt	acccattttc	atTTTTctctg	tatattcttt	60
gtagatcact	tactaaaatg	atTTTTctaag	accttcactt	tcttaagtaa	agaaaaacaa	120
tttgactgag	acttgcccat	ttagctaaaa	tctaaaagac	ctatttaatt	taaagtataa	180
gtcaagcaga	gatcttatct	tctgtccata	aataataaga	atgattgttt	tctgctaagt	240
ggaaaaagtg	agatgaggca	agaagttgaa	gaatgcctag	ccaggtagca	tatgaagcct	300
acaagtttcc	agccgtgggt	ctgatgaaaa				330

<210> 571

<211> 185

<212> DNA

<213> Homo sapiens

<400> 571

acgacagaag	gggggctacc	ccggctactc	ctgctcagca	tggctgcttt	agtgaactgtt	60
ctcttcacag	gtgtccggag	gctgcactgc	agcgcagccg	cttgggcggg	cggccagtgg	120
cgactacagc	agggactggc	tgccaacccc	tccggctacg	ggccccttac	cgagctocca	180
aactg						185

<210> 572

<211> 339

<212> DNA

<213> Homo sapiens

<400> 572

gaacatcaca	ctccggggac	agatTTTTTT	ctaacctagc	cgcacaactg	ctctaagggtt	60
ttatacagac	cttctgcctc	atcagcttcc	atctcatctc	atttcatgct	ggatctaaaa	120
atgactctgc	tgagggaaca	cacacactgc	ctgacagggc	tatcttaagg	gcctttataa	180
ggaagcagat	ggccaggcac	aggggctcat	acctgtaatc	ccagtacttt	gggaggccaa	240
gatgggtgga	tcacctgatg	tcaggagtcc	aagaccagcc	tggccaacat	ggtgaaacct	300
catctgtact	aacaatacaa	aaattaaccg	ggtgaggtc			339

<210> 573

<211> 331

<212> DNA

<213> Homo sapiens

<400> 573

cctgatatca	ggtgatccac	ccgcctcggc	ctcccaaagt	gctgggatta	caggtgtgag	60
ccactgcgcc	tggccaatac	tccttttatt	ttaaaaagga	caagttagac	actagtttgc	120
atgcatagct	tattgattat	cctgcagtgg	ggtcatagct	ccccatttgt	gatgccggaa	180
gattgcctgt	ggaatcacia	gacctcttcc	aatgtttctg	tatgctataa	aaagaccaga	240
actttttacat	tttaaattaa	aagaatgtct	gtgcattttt	aaaaaataat	aaaacaaaac	300
cagtagttgt	ggcagtagta	gctggtagtg	g			331

<210> 574

<211> 339

<212> DNA

<213> Homo sapiens



<400> 574  
gcatagaagc taagaaatag taaaacttat gtaatcacat tatgcttggg aaactgtttt 60  
cttgcaaaca aaggtatttg tctcttattt attgtgttga tcatgaaaat agtatctcta 120  
ccctgaggtg ttacaaaaaa ttaatcaagt cagcatgtat actgcatatg tgtcttctgg 180  
aatatttacc atttaataca gaacctaaaa aatatataac ctagctccca aaaagtaaca 240  
tcagtgggta attgtcaggt taaagaaaag taaaataagg ctgggcatgg tggctcacgc 300  
ctgtaatccc agcactttgg gaggtcgagg tgggtggat 339

<210> 575  
<211> 205  
<212> DNA  
<213> Homo sapiens

<400> 575  
gtgttcctgg cccttagcgt ggtaggtgcg gggttgccag ccccgctggg aagccccagc 60  
cacaccccag ggtgtttgct gctctgaggc ctgggcctgc ctgggtgcta ggcttggggc 120  
taggggggtg agcgcgatg ttttctaacg tgccttgta cgcacctct agtgtgctgg 180  
actctccctg agatcccgc gctgg 205

<210> 576  
<211> 281  
<212> DNA  
<213> Homo sapiens

<400> 576  
tgtttgcata tacccaaatt gacctcaaat aactttccaa atggagtctt caacagtaag 60  
ttgaagtcca atattgacaa agcattaacc ttctagtgtt attttagcat tggcctaata 120  
ttagcacttt ctataagaca aatttcagtt actacatcat acctcattac tagctgttgc 180  
ttgaagtcaa catgttagtt tatctatttc aaccttgtcc agtaaattat atgcaagttc 240  
agaaataaaa aaaaagtata tactattcaa tctctgagat c 281

<210> 577  
<211> 189  
<212> DNA  
<213> Homo sapiens

<400> 577  
tcaattatga aattactcat ttaattgtat tgaaatatgt gttattttaa tctctatctg 60  
taacctacgg gtataacaat atgtctatac tgaggtaata atcatttaac ctggcataat 120  
atcaattatt ttagaaaata tgtaactgaa aactcttcct tttcataaga gttggggaaa 180  
catctgatt 189

<210> 578  
<211> 331  
<212> DNA  
<213> Homo sapiens

<400> 578  
cataattcag tttacagcaa gaagataaat tatttttgcg tggaatataa taatatctga 60  
aacctccaca ggtcctttat acataacatt ctacctacaa ataagagtca ctacacatgt 120  
gaagcagcaa tgtcatatga ccaataatca agagagaaaa aaaagcaaaa caagcaaata 180  
gatgatctgc ataattgaag ttaacagaca agaacttta aacaaccata attgggactt 240  
ctggatagct aagggcataa cagctgcacc atttagctat atgcctccct gtatttcctc 300  
cctaaagaat taaaaccaac aaaaaatgg g 331

<210> 579  
<211> 325

<212> DNA

<213> Homo sapiens

<400> 579

ttgtaaaaga	gttcttgaga	tacagcactg	aatgtaaagg	aaaatattgg	agcattcaac	60
tacatttgag	aaataacttc	tgtttattaa	aagatactat	agaatgaaa	gcacaagccc	120
taatgaatat	tcttgtttga	tactaaacca	aagcttgaga	agtggtagtt	tcgcaagttt	180
ttcaagtggg	ttggtgcaat	ctgaagactg	caatcccatc	aatgaacttt	atatctttac	240
cctttaaaat	tataatttat	gggccgggcg	cagtgggtta	cgctgtaat	ccagcactt	300
cgggaggctg	aagcgggtgg	atcaa				325

<210> 580

<211> 333

<212> DNA

<213> Homo sapiens

<400> 580

agtgtagtgg	catgacctct	gcctcccggg	ttcaagtgat	cctcgtgctt	cagccacctg	60
aatagctggg	attacaggcg	tgtgccagct	aatttttgta	tttttagtag	agacagggtt	120
ttgccatgat	tgccaggctt	gtcttgaact	tctgacctca	agtgatccac	ctgcctcagc	180
ctcctaaagt	gcaactattd	tgggtgaggg	ttggttttga	aatagtccat	taaggtgatt	240
agcatttgct	tttgataaag	acgattttacg	ggttggctgc	ttttgttttc	atgggagata	300
agtccccac	ttctgctatg	gcttaaagtg	gtg			333

<210> 581

<211> 340

<212> DNA

<213> Homo sapiens

<400> 581

tgaagattaa	gaggcagggg	ttcaaggctg	aggaagcaac	atgcacaaac	aaagttacaa	60
tatgacacct	tcaaggaaga	ccaacaagg	agaaataggc	ctgaaattcc	aggtctatta	120
gacagaatgg	gaggagatca	aacagtaaac	agattaggca	gagtaggagg	agatgaaaca	180
gtaaagtcag	aggccagctc	aggaaagatt	ttaaaggcca	gtcaaaccatg	gcacagggag	240
ccgtaaatga	actggtaaat	taagatcacg	ggctctggac	catacagcct	gagttcagat	300
ctctgttgcc	ccacttccta	tttgtgaggc	ctgggactac			340

<210> 582

<211> 315

<212> DNA

<213> Homo sapiens

<400> 582

gatgctaagg	tcaatgggag	caacttaggt	taaagggtat	ctggagtgcg	atgagcagct	60
agcaatttta	aatagggtgc	tcaaggaagg	cctaatttaa	ttttcatgaa	cagcacttac	120
agagttaag	agatgacaag	aggtaatatc	tgacttttat	gagaaactct	aaaaggataa	180
atgcataggt	aaaggctcaa	acctaatttt	aataagtaag	acttaaagaa	ctaaatatgc	240
tgctatcaga	tgcttttccc	ctaaccatt	tattttaaat	tctatgcata	tttatagaaa	300
tattaataat	gtcac					315

<210> 583

<211> 336

<212> DNA

<213> Homo sapiens

<400> 583

cgtacaagac	tcaggatggg	cctacttcca	gctaccattc	agtataggag	aggaagaga	60
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agtgtgagaa	agcccaagga	tggatctgag	ggaggataac	agaaaactag	gttcctaact	120
caagatgaga	ttaagttctc	ctttctagta	tttattttga	agaagtcagg	gaatcaagaa	180
aatctctgaa	cacttatata	actgctgata	agactgtaca	ttagttcagc	ccctgtgaaa	240
agcagtttgg	aggttttctc	aagaaacaaa	aatataacta	atattcaacc	ccagaatccc	300
attactgggt	atatacccaa	aagaaaataa	aatggg			336

<210> 584

<211> 341

<212> DNA

<213> Homo sapiens

<400> 584

agagccaacc	tgtaaactgct	gatttagtta	ctctatttag	tcattttctag	gtggagacct	60
atatttttag	ccccagagac	tttcttcctt	ctaaggtggg	acaggaaaac	cacgtgaaaag	120
gcgacatgct	atcagaggcc	cagagaatct	ggagatggca	gaaacttgga	cacatagaaa	180
aacagggcgt	ttggggccgg	gtgcggcggc	tcatgcctgt	aatcccagca	ctttgggagg	240
ctgaggcggg	cagatcacga	ggtcaggaga	tcaagacctt	actggctaac	acagtaaaac	300
cctgtctcta	ctaaaaacac	aaaaaattag	ccaggcgtgg	t		341

<210> 585

<211> 331

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(331)

<223> n = A,T,C or G

<400> 585

gttataat	ttt	taagcaacat	aaacaagtaa	gaataaatat	tttagaagtg	cgatgttata	60
tttcttgg	ttt	taagtggtag	attgatatat	gttttctatc	atactaataa	acaacttgta	120
aatatcaa	aat	gtttcataat	ttagaaatgt	aaaacatgat	aatcaaattc	aaaagtaatc	180
taacacatt	ttt	aaaaactaaa	catatttagg	ccaggtgcag	tggcccaagc	ctgtaatccc	240
agcccttt	gg	gagaccaagg	caggtggatc	acctgaggtc	aggagttcga	gaccagtctg	300
accaacat	gg	agaaaccctg	tctctactaa	n			331

<210> 586

<211> 337

<212> DNA

<213> Homo sapiens

<400> 586

gagtctttcc	aaacacatcc	agtgggtctt	cttttattta	ctcagctttt	tgtttgtttt	60
tcttttacag	gaactataac	atttactatt	ggcaaaactcc	aacaccatcc	tcagtaattt	120
gggatgtctg	tcaataccat	cgttctgatt	tctgaaaatt	ttcgctgaat	gtgacatttt	180
tcctctcaaa	ctaacccttc	cacagacaca	cccacacaca	caccacacac	acatgcatgc	240
gtgcacacac	agacacacac	gcacatacac	accacataca	cgcacacaag	gcacatacac	300
acacgcacac	acacatgcac	acacgtgcac	acatacg			337

<210> 587

<211> 322

<212> DNA

<213> Homo sapiens

<400> 587

gcatgcccct	agggaggtgg	gtgtgatcag	ttttttaaca	atttttaaag	cttaaggatt	60
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cattaggaaa	tttgaggctt	gttataattg	gacagtaaca	tcaaaaaatc	atctacaggg	120
agtagctttt	ttcttttttt	tttcggagat	gaagtctaac	tctgttgcca	ggctggagtg	180
cactgggtgca	atctcggatc	actgcaacct	acgcctcccg	gggtcatgcc	attctcctgc	240
ctcagcctcc	tgagtagggg	ggactacagg	tgctaccac	cacgcccagc	tatttttttt	300
tgggactttt	agtaaagaca	gg				322

<210> 588  
 <211> 325  
 <212> DNA  
 <213> Homo sapiens

<400> 588						
tctcacttga	tcctctcagc	aacccttga	ggcaggctact	aatgtgatct	ccatgctgca	60
gatggggaaa	ctgaggccca	gggtttatag	aatcaaaagg	ctggcacatg	gaattgggtga	120
ggatcctgca	ggtcctcagc	aggatgcgag	gagtgccctc	ccaggacag	gaagagccaa	180
gagcagcagg	agtacagcag	tgtgagaaaag	aaaatgccgt	cagaccatgt	gaggtggctc	240
acgcctgtaa	tcccagcact	ttgggaggcc	aagacagaag	gattacttga	ggtcaggagt	300
ttgagaccag	cctggccaac	atggg				325

<210> 589  
 <211> 221  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(221)  
 <223> n = A,T,C or G

<400> 589						
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tagtgggtcct	ttccagttct	atgactttta	acatacaggt	gaatcaaagc	ttcaggaagg	120
cctagaccaa	cagctattac	tgaagctccc	atttgtgctt	aggactatgc	atagagaaac	180
tctccttttg	gacttgggtta	gggtccaaag	ccctaaggtc	n		221

<210> 590  
 <211> 289  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(289)  
 <223> n = A,T,C or G

<400> 590						
tagcaggagg	tagaagaaaa	agttattgaa	gctgaaatag	tgatccttag	ccttagggac	60
agtgtgtgtc	agaggttaga	gcatccagca	tggctgggtg	ccagagcttt	gcatcagttc	120
gagatgtatg	tgatgtatct	ttagctcagg	gaagagagag	gacttgattt	ttgaggaagg	180
cttgggaagg	agggatagaa	gagctggata	gttttgctgc	tccccagcca	gaaatttata	240
gtttgatttc	attattgcct	tgaaatattg	ggatgtccca	gaacacacn		289

<210> 591  
 <211> 340  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(340)  
 <223> n = A,T,C or G

<400> 591  
 cagtttggtc ttaaagttaa actaatgggg aaaaaaaaca ggacagggag gtatctcaag 60  
 ttcatttgag ccatttttaa aattttggta gctggtttct gtttttcttc tttttaaaat 120  
 agcaacaact taagattttg tgtgccacca gcttccattc catttcataa aagcttaatc 180  
 tagcaagaat tggtagagccc tagtagaagt tagaaagaaa tgttgaagtg tgtatgtgtg 240  
 tgtgtgtgcg tgcggtgtgtg nccccatcat actcaccttg gacacttttt aaaaaaacgc 300  
 ccttggtcgg gcgcgggggc cccccctgt aatcccacca 340

<210> 592  
 <211> 315  
 <212> DNA  
 <213> Homo sapiens

<400> 592  
 ccatggccag gcttgtgagc tcacatcaga aatgaaattc agaagtcatt cagaatctta 60  
 ccaaatccag tttttactct tgatttaaaa atattttact ttttaaaatt aattattgtg 120  
 gctcgcccag acttggcagt tagaattgaa tatcaggaaa ggttttaaga caaacctgac 180  
 gaagaaagt gaagtagtca cagtatctag aaatacaaga gggcctcttt tctcaggctt 240  
 atattttgag ataaatttcc tctccttagt acatgcaggg aacatttcat ttcataagtt 300  
 tgctgattaa aaagg 315

<210> 593  
 <211> 319  
 <212> DNA  
 <213> Homo sapiens

<400> 593  
 aggacactgg cttgccaaac aggagtctgg gcacttagca gccagtgtc tgtgcaaacc 60  
 agccagtgtc ctgaattcag atgagagctt tgtgtttgcc ttattggaaa gcccttgatt 120  
 cctgggcttc tagaggatag tatcactcaa aatctctgca gttcttttag ggtaagtga 180  
 cgctttactt cttcactcat tagaaaatta ttctctcagc aggggtgcggg ggctcactcc 240  
 tgtaatcca gctcactcct gtactttggg aggccgaggc gggcagatca tgaggtcagg 300  
 agttcgagac cagcctgac 319

<210> 594  
 <211> 328  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(328)  
 <223> n = A,T,C or G

<400> 594  
 ctgttgccca gactagaggg cagtggcacc atctcggtc actgcaatct ctgcctccca 60  
 gggtcaaatg attctcctgc ctcagcctcc tgggtagctg ggattacann cgcngnnca 120  
 gagcccaant aatanttgga ttgttttagta gagacggggt ttcaccatct tggccaggcg 180  
 ggtcacaagc tctgaccgg gtggagaagg gcttttacga gtagaatgag ccttttgga 240  
 ggtggctgcc tgcaattctt tttttgattg gattcaaata cgctgcttga gcttaagcac 300  
 cttacgaact tttgaagatn ttaaagggt 328

<210> 595  
 <211> 339  
 <212> DNA  
 <213> Homo sapiens

<400> 595  
 cttaatcatt cttacagtat ttgagttgag aacattttata aagatttcaa gcattacagt 60  
 ataaacaata tgagaagatt cttccaaatc ttttaacttg aatgcaatta ttagcatgcc 120  
 cctagggagg tgggtgtgat cagttttttt aacaattttt aaagcttaag gattcattag 180  
 gaaatttgag gcttggtata attggacagt aacatcaaaa aatcatctac agggagtagt 240  
 tttttctttt ttttttctga gatgaagtct cactctgttg ccaggctgga gtgcagtggg 300  
 gcaatctcgg ttcactgcaa cctccgcctc ccgggttat 339

<210> 596  
 <211> 194  
 <212> DNA  
 <213> Homo sapiens

<400> 596  
 gagcacctct gtgttcctag gtctgtgcag tgacttggga gtacagtgat gaatgggacc 60  
 atatggtccc accctcatgg gcagtctcta attcctgcct tatgaactga agatctattt 120  
 cttgtcctga ctttatatct ttcattggcta aaagatttgg gcctctgaa gagtgcattt 180  
 gaactcaggc atgg 194

<210> 597  
 <211> 339  
 <212> DNA  
 <213> Homo sapiens

<400> 597  
 gatgccttga gagtttcctg ttgcacaatc tgtttgtctg tagagaagtg gcatccagag 60  
 ggcggtaggg gaggaaaaaa aaatgaagta atgggacaga gcagacacag gtaaagaggg 120  
 ccttaggtcc tcaggaaaagg ggaaagggag ggatattggc cttccctcca ggtcctcata 180  
 tttgttgccc cttgttcttg aacggaccca gaggcttgcc ttcagagggg tctaatttac 240  
 tctgtattct gtgtggtaaa agcaagaggc agcatgtcca gtggactgtg agactgagca 300  
 ctctaaagcc agtaggggtca agtcactggg agccactg 339

<210> 598  
 <211> 333  
 <212> DNA  
 <213> Homo sapiens

<400> 598  
 actgcaacct ctgcctcaca ggttcaagcg attctcctgc ctcagcctcc caagtagctg 60  
 ggattacagg cgcgcgcac cgtgcccgcc taatcttttag tagagacggg agtttcacca 120  
 cgttgcccag gctgggtctt aactcctgac ctcagggtgat cctccctcct tggcctccca 180  
 agttttttaa agatcatgct atgtggataa tgagctgggg atggagggaa gaatggacct 240  
 aggggtggaa ccaactggta gagtagagcc acttcaagtg catgggtttg ggctataaag 300  
 gtagtgctgt gagcaaaaat taaaaactct tgc 333

<210> 599  
 <211> 340  
 <212> DNA  
 <213> Homo sapiens

<400> 599  
 gtgctgcatg tttaaagtat tccctctgtt ttacttcatg atagttggcc cctttcaggt 60

tataacacgg	acatttttct	atggttttca	ttattttgcac	atgccaacag	agtagaatag	120
atttttaacg	agcatcactt	cattgcaagc	aaattttatta	atccagtggt	actgatgaaa	180
ctaaggagct	ctttggggtc	aggctcgatg	gctcacgcct	gtaattcttg	cactttggga	240
ggctgaggcg	ggtggatcac	aaggtcagga	gttcaagacc	agcctggcca	agatggtgaa	300
accctgtctt	tactaaaaat	acaaaaaat	tagccgggcc			340

<210> 600  
 <211> 322  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(322)  
 <223> n = A,T,C or G

<400> 600						
ctgtgttgca	ggcataaacc	caagtggctt	ttaaagatca	gctgtgatta	atagtagtca	60
gttggaagtc	agagtcac	gtttaaaatt	tagctcaaca	aatggtggct	tgcttggttag	120
ttcctgtggt	taacattatt	tttgggaagaa	aaagaaaaaa	aaggaaggta	gaggaaggga	180
gaatgttttg	attgttttct	aattttattga	tctctccctt	gcatcatcac	caagactggt	240
aactggttcc	cagaatgttg	tgggttgagc	ttctgtgctg	taatgtgggt	tgattttttt	300
agaggggaga	taagggtatc	tn				322

<210> 601  
 <211> 318  
 <212> DNA  
 <213> Homo sapiens

<400> 601						
tttccctgct	cacatgttac	ctttgacaca	ctctggatct	gaggaagtcc	ctaattatct	60
cttgcttttg	cagactgctt	acttgctgtg	tggctctaag	caagttactt	agcctttctg	120
ggccctgggt	tcctcgttta	tgaatgaag	atgatatgag	cacctaatc	atagggctac	180
tgtgaggata	tttaagtatt	ttaacaatga	ctggcccatg	gtacttattc	caggaaacaa	240
atgagtataa	ttataagtat	tttcaggaca	attctctgtg	atgtaatcac	tcctatttta	300
cagagaagga	aacatatt					318

<210> 602  
 <211> 326  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(326)  
 <223> n = A,T,C or G

<400> 602						
ggttcaagtg	attcttctgc	ttcagcctct	ccagtagctg	ggattacagg	cgcgcaccac	60
catgccctgc	taatttttgt	attttttagta	gagtcggggg	tttaccatgt	tggccagggt	120
ggtctcaaac	tcctgacctc	aggtgatctg	cccaaagtgc	tgagattaca	ggcatgaacc	180
accgggctcg	gtcaagaata	aggtcattta	ttgttgata	ggcaataagt	gtgaatcaag	240
gatactttta	aaaactcata	ggtgagcccg	ggcatggtgg	ctgggatcag	cctgcacaac	300
ccgtagttag	acaccatctc	tacaan				326

<210> 603  
 <211> 342

<212> DNA  
<213> Homo sapiens

<400> 603  
aggattttaa acatttcctg cagagagctc atagctgggt ttatcttata gattaaaata 60  
aaaaggagct accagaagggt ctgtgtgtcc aatacacttt gttaccatct atcaagtcta 120  
ttttcttaag ttgtcagagc tgtttgatt cataataata gctttatcaa gaatcagctc 180  
cttttctagc atcaaaagtt aagaatttag gccaggcgca gtggctcacg cccgtaatcc 240  
tagcactttg ggagactgag gcgggcagat cacttgaggt caggagttca agaccagcct 300  
ggccaacatg gtgaaacat gtctactaaa aatacaaaaa tg 342

<210> 604  
<211> 317  
<212> DNA  
<213> Homo sapiens

<400> 604  
ttgtattagg taatagaagt taggatttca gaacgtcatg ggagacctgg gggagactgc 60  
ttgttttgaa gttgaaagca gtacattcaa atatgtaagt gacagcatag aaaaatgtat 120  
atagggttaa cgtgcagagg tctgtattta ggttttctctg taagttttaa tctgtttgtt 180  
taaaacaaat attcggataa gaataacact ttaaaacat tcaagggctg ggcattgtga 240  
ctcatgcctg taatcctagc actttgggag gccgaggcag aggaatcact tgagcccagg 300  
agtttgaaac cagcctg 317

<210> 605  
<211> 316  
<212> DNA  
<213> Homo sapiens

<400> 605  
ccttatatat gctgtactga agacatacta tcacattaac gttgcgttta tgtctatgcg 60  
tgagaattgt atttctgtgc ctaagaactt tgggggagga atcattattc ctgctctgat 120  
attgacgctc tctctttcaa cagaaatgga ccttttacia tattgaatgg atctcagaga 180  
agataatgac ggaggctcta gatctctagg actgagagaa cacgcttagc acatggggta 240  
agatgggatt gcatctctca aacatgacac ctcctgccta cactgactca accggccatc 300  
aggctttgga aaactg 316

<210> 606  
<211> 340  
<212> DNA  
<213> Homo sapiens

<400> 606  
gaattgtcct agattatcta atccgctagg accagaagag gaatttctgg gttattgtgg 60  
taaagtttca tgtgatgaac catccttgaa ttctctcaga ataaacacca catgggcata 120  
acatgttaat tttattattt ttttgtgagt gtgagacgga gtttactct tgttgcccag 180  
gctggagtgc aatgggtgcaa tctcagctca ctacagctc cacctcctgg gttcaaggga 240  
ttctcctgcc tcagcctcct gagtagttga gactacaagt ctgtgccacc acacttggtt 300  
aatttttgta ttattagcaa agacgggggt ttaccatatt 340

<210> 607  
<211> 241  
<212> DNA  
<213> Homo sapiens

<400> 607  
ccttagaact atctattaaa ttctatcaca ggagatcatt ggatcacaac agggcagtac 60



tttctgctga taagagtata gaaatattat agagatgtct agttaccaac acgataggaa	120
agggggcatt atcagccttt agtgatgagg accaaggatg taaaataccc ttctgtgcag	180
gacagtacct cagaaggaag aattctgctg taacctccag gtatctgata agtgaaaagc	240
t	241

<210> 608  
 <211> 320  
 <212> DNA  
 <213> Homo sapiens

<400> 608	
aataaataaa ttatgtatcg tcggagggtt ttactgggga gagagctgta ggtaattggt	60
gcaccacaca gatgtccct ccaggactga aggacttacc cctccagctg ctgggattat	120
agttggctga cactctccag cagctggcag ttccaggaa ctgcctgtgg ctgaagagaa	180
ccaccttact caaagttcta cctcctcct aggggcagct gcatccaatg actggcctat	240
gtggaggtat aaatccatct tgccaatatt catacttatt tacataattt acaatattca	300
tacttaaaga atctgggccc	320

<210> 609  
 <211> 235  
 <212> DNA  
 <213> Homo sapiens

<400> 609	
accctttgat ttttttctat cccacaacaa tggagccagt tttttttttt tttttttaaa	60
tctgaaaggg ctctgggttt cacttaaaag gaaggcaact caaactgact taaacgatac	120
ttgacaaaaa aggggggttt tgtttttctg cattgggcgg atggttttct gcttttataa	180
ctggaagatc cagggatggg ggggaaatca agattgactt gccttaactg ctgag	235

<210> 610  
 <211> 341  
 <212> DNA  
 <213> Homo sapiens

<400> 610	
aggacggctc tgtctggaat ctttgaggcc gggaatacag gagccctaata gtgacttttg	60
actcggaatt acctggaaat cagtgatttg tgccccacgt tatgaagcta tcaatttcca	120
aagacagtta aaagacccct ggctcaaaat ggatagttaa catgaccaa aaactaaaac	180
tgacttttga gtactgtatt agacagtcata taactaaacc taagatatta ttttcttttg	240
ccagtagtgc tttgttagct tgtgtgccat aggggtgagc tcagtgggtat tctgacaacc	300
tatgattcaa cccttcctat taaaaaccac agttcttctg t	341

<210> 611  
 <211> 334  
 <212> DNA  
 <213> Homo sapiens

<400> 611	
ataaatatga acagtagaag ctacagaaaa atgctgttga gtttttcaaa actatggctt	60
tttttttttag gtaagtaaag ggaattagta ggggtttccc tggtctatct actaatagaa	120
atcgatactt gcgataacct cactaatctt cacatctttt atccaatttt atccattcat	180
actataaatg attattcatt accttccact ctgcaggagg atggcaaaac caaacacaca	240
tatattctct ctcttcctct ctctctcttc ctctctttct gacacacaca caaacacaca	300
cacacacata tcagatgtta aagaagttca catg	334

<210> 612  
 <211> 332

<212> DNA

<213> Homo sapiens

<400> 612

ataaatatga	acagtagaag	ctacagaaaa	atgctgttga	gtttttcaaa	actatggctt	60
tttttttttag	gtaagtaaag	tgaattagta	ggggtttccc	tgttctat	actaatagaa	120
atcgatactt	gcgataacct	cactaatctt	cacatctttt	atccaatttt	atccattcat	180
actataaatg	attattcatt	accttccact	ctgcagggag	atggcaaaac	caaacacaca	240
tatattctct	ctcttctctt	ctctctcttc	ctctctttct	gacacacaca	caaacacaca	300
cacacacata	tcagatgtta	aagaagttca	cg			332

<210> 613

<211> 331

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(331)

<223> n = A,T,C or G

<400> 613

ctcccagagt	agcgtgagat	tacagggtgtg	agtcactaca	cccagcta	tttttttttt	60
taaggggaga	tgggggntca	ctatgttccc	caggctggcc	ttgaactcct	ggcctcaggc	120
agccctcctg	cctcaacctc	ccaaagtcct	ggaattacag	gcgtgagccc	ccatgcccgg	180
ggcattcata	tattatacac	aacaacccgc	aggctccatt	catgcacgaa	ccccattgt	240
cttcggccct	ttccagccct	gcgctcgcat	cattccctct	atctcgggaa	cccgcgcccc	300
tccccctttt	caagatggtc	cacccctcgc	c			331

<210> 614

<211> 326

<212> DNA

<213> Homo sapiens

<400> 614

taatttctgt	gcccctttac	tcaaagatag	gacaagacaa	agaaaatgaa	aacagacaca	60
aactccaagg	tccatgaaac	cagaaactaa	tcctgaacca	tgctaacaaa	atagaaagct	120
tatcaagtga	ttataaacca	ctctgcata	aagcagcata	taagtccaaa	tgctgcaga	180
gagtactgtg	ggactcagaa	cagcacaggg	actagagcac	gcttgttcaa	cctgaggcct	240
gtggggcaca	tgtggcccac	gacagctttc	aatgtggtcc	aacacacatt	cataaaacttt	300
cttaaaacat	tacaaggttg	ggcgca				326

<210> 615

<211> 304

<212> DNA

<213> Homo sapiens

<400> 615

agggtagaac	ctatatgttg	ctattgtatt	gctattttatc	tacttaaata	actcttactg	60
tagtatgtat	tgctcaagga	cagagattgc	gctgctcatc	tttgtgatat	cccacttagc	120
atagttttcta	agcaaatagt	atacttcttt	catatatgct	tatcaagtaa	atgaatttga	180
ctctacctcc	tattgaacta	ttcagaaatt	catgttttacg	attttagcaa	tgagaacacc	240
aagacttatc	tatagagtat	cagagataat	acaactaggg	agtagatcta	aaataagaca	300
tctg						304

<210> 616

<211> 321

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(321)  
<223> n = A,T,C or G

<400> 616  
gaggtttcat ttgtggtgac attctctccc aggccacaaa acatttcctg ctcggaacct 60  
tgcttactaa ttgtaagaac ttaccagta agaacttgct ttaaaaactt agcattcaaa 120  
aaaaaagctc tctttaaaag ttatttgatt ttcttggttt ttttcttacc atgctatatt 180  
ttgagtttca cctaaaaaac taaggttatc ttatctaatt gctttaaatt tatacattta 240  
gtcacattca acaatttggt gctaatacatt ttgccagatg ccaggctttt ccaagaagtg 300  
taggatccca tccttgaatc n 321

<210> 617  
<211> 239  
<212> DNA  
<213> Homo sapiens

<400> 617  
cagatccaca cttcggatga aaatggctga aaaggaggca gagatggcag aagactaaag 60  
gaaagcgccg agctgtgact tgacgcccac tccaagggca gtgtggctct tgtgagacca 120  
aaagaagagt aggaatgaac gcgggggtcc tgtgagcagc gggaggcttt gctgagcttg 180  
gtgctcttag aagaccagcc acttttgtcc ctgcagcccg gggccacaga gccagacac 239

<210> 618  
<211> 317  
<212> DNA  
<213> Homo sapiens

<400> 618  
gatacttatt ttgctatcca cacttgatgc aattgaattc aagggtgcaa gtcttgtact 60  
gaagcagtct ccttgttgct tggagaacac ctccttcaga gccctttggt aaataagagg 120  
ggcgacgttg atcatagatg ccacctggtt agcaccgaat ctgactttgg tgacagtcct 180  
aaagcacagc tggtgattgt gagatctggt agcggcaggc tgagcagata ctacttggtt 240  
ttgcttggtg tgagatacta ctgtttgctt agtatgagat tttttccagc ctgtctctta 300  
aactcctgtg acatctt 317

<210> 619  
<211> 318  
<212> DNA  
<213> Homo sapiens

<400> 619  
cggacctatc cgtattgctg accccaaagc tcttcccggg gcctttcttt ctctttgaca 60  
aagcatagct aaggtagctg ggaaagggtc caagagagag aagagagaga agcgatccag 120  
aagagagagc tcccaccctc gctgctgact ggccctgcgac cttcaggcct gcctottaca 180  
ttctctcgcc cttcccaaat tattactaac acatgagtct gacatacagc gagctccaca 240  
gaggaaagac ctgtattctc tggactatac agaatagatc acggacagag tgataggagg 300  
ctgagtccac actctgga 318

<210> 620  
<211> 317  
<212> DNA  
<213> Homo sapiens

<400> 620  
 tcccaccgga cccaagcacc tgtactttgt cactctccca tttctggcta gaccaggact 60  
 ccctttgaca tctctaacct tgcagaggtg tgactctgcc agagcactct tagatgtcgt 120  
 acaggtgcat ttgaagcctt gtattttctc ttaaaagata actggcgggt aatggagcgt 180  
 gctgactcta ttgctaaaga gaaagaatag gctgggcgcg gtggctcacg cctgggagcc 240  
 actttgggag gccgaggcag ggggaatacc tgagggcagg aagttgagac cagcctggcc 300  
 cacatgacca aaccccc 317

<210> 621  
 <211> 315  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(315)  
 <223> n = A,T,C or G

<400> 621  
 gtagatcatt ttatttcctc ttaatgttta tactgattac tgttacatta gctggatttt 60  
 tcaaaacaat gttgaagagt gatgacagac gtgactgtct tgttcttaat tttcatggaa 120  
 gtaagaatgc aaaatattaa tagggaatag tattccctat tagtatgaca tttacttttg 180  
 gttattagta ggtagtcatt aacatgttta agagtttccg ctattcctgt tttatagtgt 240  
 tattgctaga agtggttcct gaattttata aaatgccttt tcagcatcta ttgatanaat 300  
 tgtatgattt ttttn 315

<210> 622  
 <211> 342  
 <212> DNA  
 <213> Homo sapiens

<400> 622  
 aaagtgttca gtcctagatg tttaaactcct tagctacttt tgtaccaggg atcaaactga 60  
 ttgaaagtaa atggtttatg tgggtcaaaa atgaggaacc aggctttgcc attaaagcttg 120  
 attcttctaa ctctagctga gtcccacctg gctttttcct ggcttctgta atcatgaact 180  
 atttccaata gccagtggat ataaggagtt atagtagaac caatggatgg tttatagttg 240  
 agaccctctg cattgtatgt tacctatttc aagatttaag agtcattgct gggcacggtg 300  
 gctcacacct ctaatcctag cactttggga ggccaagggtg gg 342

<210> 623  
 <211> 339  
 <212> DNA  
 <213> Homo sapiens

<400> 623  
 tatatatgat aggaacgtga gcttgaggag tcgcaattgc tggaatttgc ttggggaatt 60  
 tgccctgccc aaatgaagct cgtcttttcc cttaacctag cttctcaaga ttctctccct 120  
 tagttgaaga tattactcgt tacctaataca tccaagaaag acctcagaga attactcttg 180  
 actcogtccct ccttcttact ccctattata aatcccacat agtttgccct gtgtaaatat 240  
 ttttcaaatt acccaccgcc cattcccttt cctgcttcca cagctgtgat ggaatccctc 300  
 aactttcttt tcaatatttc ctgtagattt agacaaaaa 339

<210> 624  
 <211> 336  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(336)  
 <223> n = A,T,C or G

<400> 624  
 cgctgggagc cctcgggcat catgctctgg ccagcaaagc ccctgcggca gcggcagcag 60  
 ctgtggctgc catcatcctg gacaccatgt tgcccttgaga ggcaattgtt ccttccccc 120  
 ttccatgggc actttcccag ttatgacaca ggatgatctg gtcccagtgc tgtaatgggg 180  
 agtggggatc acaggtgggg caatggagga gctctgaaag tggctttgga tatctcacta 240  
 cccaaaagga aaggcattag ccaccatggc cccaacaaaa ctaaaataaa aaggaaaggg 300  
 ggtcaggcac ggtggctcac gcctgtaatc ccagan 336

<210> 625  
 <211> 333  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(333)  
 <223> n = A,T,C or G

<400> 625  
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 tccagagtta ctgaagcagc atctacaggg tggggcccag gaatctatat tcttagcaga 120  
 tgtgagcctt accatctggc cctttggaaa atgatgcaag aagaaacttc tctgggagaa 180  
 tttcaatctg gaggcagcag gggaggggag tgatcttgca gagcctgtgg catcatctgg 240  
 tgcccatgac aagacaagag tggctctggg ttcttcttag gcttccccn atccccctct 300  
 cttagaacta tagccattcg tcacatgagg tcg 333

<210> 626  
 <211> 336  
 <212> DNA  
 <213> Homo sapiens

<400> 626  
 ttaatatagc gaagtagctg tcttcctaca ccttagtcaa tagctaata aacttcttaa 60  
 tcatgttaat cgggtatatt taaaatgctt tcagtatagt ttcaatttgc ttaactctta 120  
 cattgactgc aactgaggat catttcatac atttaggagc cacttgtctt tcctttgaac 180  
 tgtctctgaa tgtgccact tgtctactga gttgttggtc ttttctatca gcaagcgatc 240  
 ttgcttttta aaggaaatta gccctttgaa catgctgcat ggcaactatt tcttcccagc 300  
 ttatcactgg agtcccaatt ttgtttatac tagttt 336

<210> 627  
 <211> 337  
 <212> DNA  
 <213> Homo sapiens

<400> 627  
 caagatgctt cagaactttc tgtatccagt gacagcccag ctgataagta tatcaaaaag 60  
 gatattactg taagctagtc atatttgaaa atagctgata tgtagctctt tttttattga 120  
 gagcagatat acaaagtatt tcatgatgct ataggatatt aacaattatt tctctcaaaa 180  
 ctcttctgag ggaagactcg gctattattg aatgagttct gttgaattct ctctgttccc 240  
 tcaattcttc tacctccact gcataaatat atattgcata ctggccaagt gcaatgactc 300  
 acacctgtaa tcccagtact gggaggccga gatgggg 337

<210> 628  
 <211> 333  
 <212> DNA  
 <213> Homo sapiens

<400> 628  
 ggcctctact ggaaccacc ttctgcagga cagtcaccag gccagatcca gaaggcttga 60  
 ggccctgtgg tccccatcct tgggagaagt cagctccagc accatgaagg gcatcctcgt 120  
 tgctggatc actgcagtgc ttgttgagc tgtagaatct ctgagctgcg tgtagtgtaa 180  
 ttcatgggaa aaatcccgtg tcaacagcat tgctctgaa tgccccac atgccaacac 240  
 cagctgtatc agctcctcag ccagctcctc tctagagaca ccagtcagat tataccagaa 300  
 tatgttctgc tcagcgaaa actgcagtga gga 333

<210> 629  
 <211> 328  
 <212> DNA  
 <213> Homo sapiens

<400> 629  
 gggagcccaa agacagtgc agggcatggt agaagggact tgctggactg ttcacotttc 60  
 caggccaccc cttgaaagga agcagatgtg ggcaaaaaag agcaactcca tttttcacac 120  
 agtcagagcc agcccaactg cagatggcct gtacatcgca gcaccaagca catccctggg 180  
 ctaaagtgtc agttcttttt ttttttttta ataaaacttt aagttctagg gaacatgggc 240  
 ccaacgggca tggtggggac atatgaatac atggcccatg ttgctgggct gccccatta 300  
 actgggcatt ctaagcaaac tatcgag 328

<210> 630  
 <211> 331  
 <212> DNA  
 <213> Homo sapiens

<400> 630  
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 cctggaaaaa gcatctctgg ccacagaatc gatgttcac ttggagacct tctaggctta 120  
 agctgccttt tgtctaaaga cattcaatat tggtagatt tcttgagctg tgtaacattc 180  
 acatggctca aaaatcgtgc aaatgtgccg ggtaaagagt gcaaagcagc caggcacagt 240  
 ggctcacgcc tgtaatccca acattttggg aggccaagga gggtagatca cttgaagtca 300  
 agacttttag aacacgctgg ccaacatggt g 331

<210> 631  
 <211> 328  
 <212> DNA  
 <213> Homo sapiens

<400> 631  
 gaagcctcta ctgggaacca ctttctgtag gacagtcacc aggcagatc cagaaggctt 60  
 gaggcctgt ggtccccatc cttgggagaa gtcagctcca gcaccatgaa ggcatcctc 120  
 gttgctggta tcaactgcagt gctcgttgca actgtaaaat ctctcaccta ggggctgagc 180  
 aactcaactga aaaaatcctg tgtcaacagt attggctctg aatgttcctc acatgccaac 240  
 accagctgta ttatctctc atgcctgggc cctcttataa acaccacata atttataacc 300  
 agattctgtt ctgatcaccg gtgaaccg 328

<210> 632  
 <211> 329  
 <212> DNA  
 <213> Homo sapiens

<400> 632  
 gggtccacccc aagtctggct tctctcagga gggactcatg aacacgtgcc ctgagcaccc 60  
 ccaaaatgac atcacacaag ggcagaaaag agctgaaggg ggaacgtgaa aggcagaaaag 120  
 ggagccgtgg ttgccaggca accagcccta gcccaccttt gtttgtttgg tgacagcaac 180  
 taaagtctgg tcaggggcgc ttggccacgc tcatgccttt tcctctcaac agttgcttct 240  
 ttgagtcagg gtgcagctct ggtcacctgg cggcctcttc agctcagccc tccacaaaag 300  
 gtgagcctga aggaccaccc tgaattgcc 329

<210> 633  
 <211> 196  
 <212> DNA  
 <213> Homo sapiens

<400> 633  
 agatctatta tatcttaatc tctttccaaa agctattcaa atgaagagct ccctattggg 60  
 atcaataata gattattcat tttagttttg aaaatataca tctgcttctt agaatacaaa 120  
 ataatgtact ctgttttgtg ttggctatat ttaatatctc ttagattaaa actggttcata 180  
 aaaaagtaat ggcacg 196

<210> 634  
 <211> 331  
 <212> DNA  
 <213> Homo sapiens

<400> 634  
 gggagcccaa agacagtgc agggcatggg agaagggact tgctggactg ttcacctttc 60  
 caggccaccc cttgaaagga agcagatgtg ggcaaaaaag agcaactcca tttttcacac 120  
 agtcagagcc agcccaactg cagatggcct gtacatcgca gcaccaagca catccctggg 180  
 ctaaagtgtc agttcttttt ttttttttta ataaaacttt aagttctagg gaacatgggc 240  
 acaacgggca tggtggggac atatgtatac atggggccatg ttgctgggct gcccccataa 300  
 actgggcatt ctcagcaaac tatcgcaggg a 331

<210> 635  
 <211> 318  
 <212> DNA  
 <213> Homo sapiens

<400> 635  
 tattcaacca tctaaaactc tgccttcata ataatgatgg atttgctgtc atcataactc 60  
 attcgtaggt aatcttgcaa gagctgaact ttggaactac tgccatttgg aagggttcca 120  
 ttcactctaa gggaaacctg agaactctgag ttcatttact ttttattccc ccttttagca 180  
 gtaatttgtt cattttacctt taatgttgaa aggaagcagg ttgaggccag ccatgatggc 240  
 tcacacctgt aatcccaaca ctttgggagg ccgagaccgg cagatcactt gaggccagga 300  
 gttcaagacc agcctggc 318

<210> 636  
 <211> 315  
 <212> DNA  
 <213> Homo sapiens

<400> 636  
 ataacaggcc cagactgcct gctgccagca cccaggcatg ctatctgagg ggcctagaaa 60  
 tcacttcacc ctgcccacca cagcccatgc ctgagcgcac tatcaggggc ctgaggacaa 120  
 gccacccca catgtactac tcaaaccccc acctgcacaa gcattgtgtc cagaggggatg 180  
 gggattgtca catcctgcat accaccacta catagacaca cacacacaca cacatgcact 240  
 cacacattcc agggggcctga ggtatgggct gccagcatg ttgccaccac caccaccagg 300

acccacctgc accat

315

<210> 637

<211> 314

<212> DNA

<213> Homo sapiens

<400> 637

gaaaactatg	gcaggaacac	agtctcacag	ccaagagaga	tccccaccct	tgagaagaca	60
ccttctctgcc	tgctgttaca	gccccctcgc	agaggctgca	ggatatcaagg	gctgatccca	120
tgctcccaga	gcgctaccaa	ggaaggggtct	tcagaaaaaa	atgctcatga	ggcaaggggg	180
ctgcaacccg	tgccacagaa	agccagatct	ttctttgcac	cagttgtaca	gtttctgcaa	240
aactgaagac	tgacattgaa	aacgactgct	ggtcagctat	tccttgatca	ctcctagaga	300
gtgtatgtta	ctaa					314

<210> 638

<211> 342

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(342)

<223> n = A,T,C or G

<400> 638

gacacagggt	ggagcagaga	aagaggaaac	atagagggtgc	caaaggaaca	aagacataat	60
gatgtcatcc	aagccaacaa	gccatgctga	agtaaagtga	accataccca	acccttacc	120
accaagcagc	tttatggctc	ctggatttca	acagcctctg	ggttcaatca	acttagaaaa	180
ccaagctcag	ggtgctcagc	gtgctcagcc	ctatggcatc	acatctccgg	gaatctttgc	240
tagcagtcaa	ccgggtcaag	gaaatatata	aatgataaat	ccaagtgtgg	gaacagcagt	300
aatgaacttt	aaagaagaag	canaggcact	aggggtgatc	cn		342

<210> 639

<211> 339

<212> DNA

<213> Homo sapiens

<400> 639

aaagaatgta	ctggcctcaa	tttctgataa	ggatatggatg	aaccttcctc	atgccagaca	60
agaaagcagg	atagatttagc	acactatggt	aaaatgtatt	tcttcaaatt	aataaaccta	120
catgagataa	ttcacattag	ccaataaggc	agaatacagt	aaaattatat	aacaataatt	180
atttttctaa	gaagtgagga	aacagatgaa	taaaaagtga	atccctccca	ggaaaggtaa	240
acagcaactg	tggcccaatg	tctctgcatc	tctggaaata	aggagctgaa	gaggctggaa	300
aggtatatg	acagaaagct	gatataagag	aagagatgg			339

<210> 640

<211> 304

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(304)

<223> n = A,T,C or G

<400> 640



tatactatct	ttaactgggt	tttcacgatg	gggcactagg	aatctcgaca	ttaatcttgc	60
acagaggact	tctacagagt	ctgagaagat	atcatcatgc	tgaatctgat	catactgctt	120
tttaaaagtt	taaggataag	acatgtgtat	atgtaacaaa	acacattgca	tctagaaatc	180
aaaacttgaa	agtattttcca	gggatttaga	ttagaaggaa	tattagagga	aacttgaaat	240
ctgagtttaa	aaagatttta	cctttttgat	tgctgcagaa	atgtcctatg	cactctttgc	300
aagn						304

<210> 641

<211> 324

<212> DNA

<213> Homo sapiens

<400> 641

aaagggctgg	gagtggggca	aagatgatag	tgacaatgtc	cgattggcca	ggtaagccag	60
gcctagtctt	ttcatctatt	ttgtgctggg	atttcttcca	catgtggcat	ccatctccca	120
gggatttttc	ctcagctcag	gcaagacagt	cacaagctaa	gatgagtttt	gggaagatgg	180
ggaggtagag	gagaggttgg	gcaccaggac	tctttcatgg	tgacagctgct	ttttctccct	240
gtgaaagaga	tgggaatcct	agcatctcaa	cttgttcttt	tcttacaata	ggaaaagtgt	300
tcatacactg	attcatctct	aaag				324

<210> 642

<211> 315

<212> DNA

<213> Homo sapiens

<400> 642

cttccatgca	ggaatcttct	ctttcagtga	ttctgttgta	tttccagctt	tcttgagcca	60
ttgaggccca	ccatagggtt	ttgcacatag	taagggtcca	gaaaatacga	gttctcttcc	120
tctttcactt	tatcaccatt	aggccttcca	gccagacttc	atatctttcc	tttcttctct	180
atcttggttt	acgccatctc	tctcactaag	agttctttgc	tgaccttggg	gccaaattag	240
caagatgtga	ccaacagcac	tgcaatagac	atcagaagac	ccaaacccta	ggccacctct	300
aggctagccg	tggaa					315

<210> 643

<211> 338

<212> DNA

<213> Homo sapiens

<400> 643

gagggttttc	aggcagagga	acagttggcc	aaggaagtca	gcttctcaga	gctcaagagg	60
ttctgtttta	actgtgaatg	gtaaaactga	gaactatatc	ctggatacta	cacctggctc	120
ccaagcatct	ctgatatgtg	ctgttcaaaa	ccacaccaga	gaggaagaac	tgctctggta	180
ccgagaggag	gggagagtgg	atttgaaatc	tggaaacaaa	atcaattcca	gctctgtctg	240
tgtctcttcc	atcagtgaaa	atgacaacgg	aatcagcttt	acctgcaggc	tggggagggg	300
tcagtcctgt	tccgtttcgg	aggtgctgaa	tgttactt			338

<210> 644

<211> 337

<212> DNA

<213> Homo sapiens

<400> 644

tatctcatag	agtactggga	ttctgaaagt	gaaaggttta	taccagtaaa	aagtatggga	60
gtgctggacc	aagctaacat	gtacaagaag	aaatatggta	tatatattatg	gaaatagata	120
atgaaaatgc	tgaattgaag	agcaaagtgt	ggacaatgga	gaatttttca	gtttatcaat	180
attggtgcac	tcttccatga	aggagtattt	aactctgtga	taagtaccct	ggaagaatga	240
agttatatta	cgactatggt	ggagcttggg	cactagaagc	atgctgaaag	tgttttccac	300

tttaagtga gtagaaatgc taagaggtgg cggggcg

337

<210> 645

<211> 335

<212> DNA

<213> Homo sapiens

<400> 645

gagtacaccg	tagccaatgt	catctctgtc	ggctcggggc	tgctgagcgt	ttccgtggga	60
cttgtggccc	tcttggcgtc	caggaacctt	cttcgccctc	cactgcactg	ggtcctgctg	120
gcactagctc	tggtgaacct	gctcttgctc	ggttgccctg	ccctgggcct	ccttcttgct	180
gtgtcactca	ctgtggccaa	cggtgccgcg	cgccttattg	ctgactgcca	cccaggactg	240
ctggatcctc	tggtaccact	ggatgagggg	cggggacata	ctgactgccc	ctttgacccc	300
acaagaatct	atgatacagc	cttggtcttc	tggag			335

<210> 646

<211> 337

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(337)

<223> n = A,T,C or G

<400> 646

gacacgcgtt	cctcaccatg	gctttgatag	aggacactgc	atctgagata	atgttgccag	60
tgattggatc	cagttcctga	ctgggcttct	gactgggttt	tggctggttg	tttcgatttg	120
atgggcttca	tgtaaacttt	tgacacactt	ctatgaccct	gatcaagcca	tttcaccttc	180
attctctgca	tttttaccat	tagggagaca	aggtatagaa	tatttacttt	gttctacagg	240
agcgttaggg	aaattataca	accccattct	tctccagtca	ctaaggaata	taagttcatc	300
tgtcaaagga	aaaatatcaa	cctaaatatt	gctattn			337

<210> 647

<211> 326

<212> DNA

<213> Homo sapiens

<400> 647

ggcaagctgg	ggggactttg	ttagccatga	aacctccagg	ggtgggtgtt	gagcttgggt	60
ttgtttcgtc	gtcctccctt	ctgctctcag	gggaggggtg	gggcctgtca	aggctgttgt	120
catgtggcag	agagaaggcc	ccttaggcgc	gtagggggcc	agaagtggc	gctgggtgtt	180
gtgcacggct	gtgagtaagc	gcgtaataaa	taaatcagaa	cgagatggac	ggagaccatg	240
cgctgtgctt	tcatcctgct	cagccccag	ctgaggaggt	ttctgacccc	catacccgct	300
ctgcagcctt	cgagcaaattg	tggggg				326

<210> 648

<211> 321

<212> DNA

<213> Homo sapiens

<400> 648

tcctgtcaga	ttagattctc	gtaggagcac	aaaccctatt	gtgaattgtg	catgcaaggc	60
atctaggttg	catattcctt	atgagaatcc	agcaaatacc	tgatgatccg	aggtagaatg	120
gtttcatccc	caaaccactc	cacccccagc	ctgtgaaaaa	actgtgttcc	attaaaacca	180
gtccagtcct	tggttccaaa	atgattgggg	gctgcttctc	tagccacacg	ggagtaataa	240
tccttcagta	aggtatagtc	cagtgcacca	acaaggtgag	cttctgggac	aaaggaaacc	300

aagatatgca ctttgcagag g

321

<210> 649

<211> 324

<212> DNA

<213> Homo sapiens

<400> 649

cttgtgcaca	cagccaagat	ttcttcaatg	ggtgtgagct	agttgaggg	taaccttgta	60
ggttgcagag	tgtatttggt	tggttggttg	tttttctctg	tgatgcggct	agtgtcttga	120
ttttgtagga	ggtttttcac	tgaagctcat	agttataaac	aaggacatca	ctgctaacat	180
tggtaatatt	tcctgtgttc	agctattatc	gtatcaagag	cattttattt	cagccagttt	240
atgtcactac	cttatccata	gtttctgtct	tatatattta	tggaatgtc	tttttctctt	300
attgggggca	ctacactttc	tttg				324

<210> 650

<211> 324

<212> DNA

<213> Homo sapiens

<400> 650

tagtattctt	gtcttagtta	gcaatggaaa	aagaaaagaa	gcaacttggg	aggaagaaag	60
gaaggaagga	aggaaggaag	gacagggcag	gccagggagt	ccaaaatata	cagatgatgg	120
tgtaagcagg	tacttaagtt	aggagaggtg	aaggaacaat	tgaatatagc	tcaaggtagt	180
gacactaaaa	gagagaattc	taataaacat	ttccaaatag	aaaatatagt	taaacattgc	240
gaaaactctg	cacactctga	aaaaaaagaa	gattccttata	gaatctctac	ctaagagaaa	300
cacacacaca	cacacacacg	caca				324

<210> 651

<211> 334

<212> DNA

<213> Homo sapiens

<400> 651

ggccgaggcg	ggtggatcct	tgaggtcagg	agttccagac	cagcctgtac	tctaccctgg	60
gccacagagc	aagactatct	caaaaaaaaa	aaaaaaaggg	gccccgaaac	cttttttttt	120
ttaaaaagga	actttttttt	tgcccccagg	ttgaaaaaaa	gggggagagc	cccccccaa	180
gagaatttcc	cccggggaaa	aaaggggatt	cttttttctc	ccccccgggg	gagtgggaaa	240
ttagggggcc	tgccccacc	ccgaaaaaat	ttttttaatt	tttaaacacc	ggaggggtgt	300
tccaaatggg	ggccgggggg	tggtgaacct	cctg			334

<210> 652

<211> 338

<212> DNA

<213> Homo sapiens

<400> 652

agcgccctgg	gtacaggctg	ggccccggcct	ctgtgggcac	tgacaagagg	ccctctggg	60
gcaggcaaa	ggcatgggtt	tgggtggggc	tcccctgtga	ggacattgag	cacagctgtg	120
gcatgcgcat	tcagcaggaa	atgggtcagg	gcattgagct	atctgtctat	tgcttctgag	180
ctcacagtgc	cctgaggagt	acgggtgctca	aacctcatga	gcaaggtagg	gcctgtcaag	240
agagccatgt	gtgctcagca	gacccaggct	gcagggcgag	aacagggtct	cctcagcctg	300
tgatagggg	cagtcagggt	caggcaagaa	tctggggc			338

<210> 653

<211> 333

<212> DNA

<213> Homo sapiens

<400> 653

gctgcctgct	gcagcctggg	ttcttgcttg	gactctagta	tatatttgct	aaatctccca	60
agcctcagtc	tcactatttg	caaaagtggg	ttttaatgct	ctttgccctg	cttgccctcac	120
aggatcttaa	catagacgta	agatcaaagt	caatagcatg	tcaaacaatg	tgtaactcca	180
gttatacaaaa	cattactgta	tctcattggg	gatacgaagc	tctacacact	tgaagatggg	240
gaaggaataa	aaatctatgt	ctcacagtcc	agacttggag	tacaagtaat	aagaagaata	300
aaacttaatc	ccttaagtag	attcaccata	agt			333

<210> 654

<211> 212

<212> DNA

<213> Homo sapiens

<400> 654

gctgcctgct	gcagcctggg	ttcttgcttg	gactctagta	tatatttgct	aaatctccca	60
agcctcagtc	tcactatttg	caaaagtggg	ttttaatgct	ctttgccctg	cttgccctcac	120
aggatcttaa	catagacgta	agatcaaagt	caatagcatg	tcaaacaatg	tgtaactcca	180
gttatacaaaa	cattactgta	tctcattggg	ga			212

<210> 655

<211> 332

<212> DNA

<213> Homo sapiens

<400> 655

gcatcatcac	gcagatggg	tgctgtaggt	aaactagcca	gtctcctgtg	ccccagcct	60
cccttttttg	gctgttttcc	ccatttccat	ggaacccttt	cctctgcggg	cggggcctag	120
gagccatctg	tctacaaacc	tagtggtgaa	gaagaactgc	atgatgccct	ggttcatcag	180
cctagagagg	tgggcagcac	cctgcaattc	cgcgcctaga	ttcatcactg	cttttgtaag	240
ctgctttttg	ctgtgcttct	cagccttggg	gaagtcattc	gcattcacag	tggtctgcct	300
tgcgccccca	cccctggaaa	aagtccttgg	gg			332

<210> 656

<211> 362

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(362)

<223> n = A,T,C or G

<400> 656

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agatgaaagc	tcccacgcgc	cgggtgatag	tttactggat	tgtaaccac	agaataaaaa	120
gccacgagcc	cacagtgaag	cacacgaaca	attcgctgag	tgaagagtcg	gtgtacacgg	180
agctgccctt	tctccttcc	ggccctggg	ggagaatttt	tatcacaagt	gggtgatggg	240
ttttgtccag	tgcttttcca	tgtecgccgg	gatggaataa	acgtgacgtt	tgtctggggg	300
cctgtcagtg	tacagcacgt	cacggatcat	ctgcatgtgt	gcccaggacc	ggggcagtca	360
cg						362

<210> 657

<211> 350

<212> DNA

<213> Homo sapiens

<400> 657  
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acttttgtct ttttagtaga gacgggggtt cactatattg gccaggctag tcttgaactc 120  
ctgacctcaa gtgatccact tgccttggcc tcccaaagtg ctaggattac aggcattgagc 180  
caccacacct agccaggatt cccaatcttt atttgccttg aggctgatgg aaaattgctg 240  
gagttctacc tgggattctt aatataaact aacatatata catatacaaa tatatatgtg 300  
tgtacatata actgtaaaaa atagtgcggg ccaagcacag tggctcatgt 350

<210> 658  
<211> 323  
<212> DNA  
<213> Homo sapiens

<400> 658  
ggtgcacgtg caccatgggt gccattgcca ccggcatgaa tgcacccact cccctgccac 60  
tgtgccacct tgccaccatt gccagcgcac agactcacac cagtggccct gcccccatcc 120  
catgccacaa ccaccactgg tctggatgtg ggcacaaagg ttggcagccc cacaccggcc 180  
agcaccatt cccccacact gaaactgcc a tgggtgcaaa tgggcacatg gacccagtt 240  
gccacgtccc cccactgcta gctgccactg ctgctgttgc caatgactgc aaggaagctg 300  
gtaatcccag acttatcagt atc 323

<210> 659  
<211> 311  
<212> DNA  
<213> Homo sapiens

<400> 659  
tgetctgtca gcttgattct actcctcggg gagggcctcc cttttcttcc aagttctatc 60  
acggteectt tgttccccct gactgtcttc tgtgctcct cctctgggct gtagtcacct 120  
ggataaaaaac ccactctcct cactaggctg ttagctcctg gaaggtaggg acaagagtgg 180  
gttggatcat ctctgtgtcc ccagggcctc aggtagggcc agcacacagg agggctttac 240  
actgaggatg aaaccctcaa gaggaggcgc ggtgcggggg ctacgcctg taatcccagc 300  
actctgggag g 311

<210> 660  
<211> 340  
<212> DNA  
<213> Homo sapiens

<400> 660  
ataagtgaga agaagagacc cagagaagtc gccatcagcc ccagggtcac acagcagtgg 60  
cagaattcct actagccctg cccctctcct tctcccaagc gaatgtccct aaacacagcc 120  
ccagccagcc tgagctgccc cgctatttcc cgactacaag cggactgggg gcgtggcttc 180  
cccttaaaaag aagaggaagg aggctcaggc gggaagtgc ttggccctgc agccggcctg 240  
ggaggctggg gagggacggg gtttctgtc acccggtctg gctctttcca ttgagtcacc 300  
tgcctcgtct tgggcgtggc caggggagga acagggtgat 340

<210> 661  
<211> 315  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(315)  
<223> n = A,T,C or G

<400> 661  
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tttggccang ctgggctgga actcctgacc tcacgggagc cacctgcctc aatctcccaa 120  
ggcgtgaca ctccccgcgc caccactgc gccccgcgga ccaccctcc tactgggag 180  
cgcgccacc cggggggcgc ccaccacott tgcceccca cccacgga atggggagta 240  
aagcgggccc cccgcceccc ccaccgcgc aattatcctg gagctcacag agcgacccg 300  
ccgcceccc cccc 315

<210> 662  
<211> 208  
<212> DNA  
<213> Homo sapiens

<400> 662  
ggcgtgtgag cttggttgct ctaccaaagc cagcgtttcg gctcgcgtgc gccggcctag 60  
tttgctcgcg tcctcacgcg ctttgggttt cccggctctca tggccggcct gaccttattt 120  
gtgggcgcgc tccgcctc gtccgcagc gagcagctgg aggaactgtt cagtcaggtg 180  
gggcgggtga agcagtgctt cgtggtga 208

<210> 663  
<211> 319  
<212> DNA  
<213> Homo sapiens

<400> 663  
accaaagga tttatatgta ctgttgacac cataaaagat tctgacgaag agctggacaa 60  
caatcagata gaagtactgg accagccaat caataccaca gacctgcctt tccacattga 120  
ctggaatgat gatcttctc tcaacattga ggtcccaaaa atcagcctcc acagcctcat 180  
tctcgacttt tcagcagtggt cctttcttga tgtttcttca gtgaggggccc ttaaatcgat 240  
tttgcaagaa tttatcagga tcaaggtaga tgtgtatatc gttggaactg atgatgactt 300  
cattgagaag cttaaccgg 319

<210> 664  
<211> 305  
<212> DNA  
<213> Homo sapiens

<400> 664  
caactcgagg agaaaaccaa atctattgaa ctccattgat gatttggaat gttgatagtc 60  
acaagcaaat gtaagaataa gaaagactgc tttctcatga aacttttta taaaacttct 120  
ggaagcattt tcataaccaa atacctggag tactctgct cactatcctt agtcattgta 180  
gctttctctt ccctgcagta tagatctgcc aattcaaate tgtatggcac cagggtggc 240  
atcgcagaa tgattcaatt agtaatatgg cattgttaaa atattataaa gcgggccagg 300  
cacgg 305

<210> 665  
<211> 309  
<212> DNA  
<213> Homo sapiens

<400> 665  
catgactgac tcctcttttg gcatgtctta gttaagagtc atctcttttag agagagtgtc 60  
cttgacaaac aaatctaaag taaacgctcc ctgctatTTT cttccataac atcctggcaa 120  
tagtggcagg caggagatg ttcatattac tgagcacggg tttgacttga tattagaata 180  
tatatttatt tgctcagctt ttttttctc atccctaata aagtttaaata taaattgaag 240  
attgttgagt ttgaaaatac aggaaggaga gactgtcatg gattacccat tgatagagga 300

atgtccctg 309

<210> 666  
<211> 310  
<212> DNA  
<213> Homo sapiens

<400> 666  
attcatcagg gaccaaaacg ttcattgttca ttcagcattc gtgggtctgc tctacccaag 60  
aagttttctc actcttcatt ggttctacca agcataagca aatcaaaca ctcattgaga 120  
gaatgtcatc agccaataaa ataagaaact gctcccaggc cctgaatcag cttattaaaa 180  
ttgacctctg ggactagctt ctctaatac ataaaattat aaaaaagact tagacacaga 240  
acctcaagtc tgttctacca ggaaatttta cacaagtatt ccagaaatca accaatcatt 300  
ctaaccatt 310

<210> 667  
<211> 311  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(311)  
<223> n = A,T,C or G

<400> 667  
tctctctttc tctccctcc ttcgctgtg gttaaacaca gaagacagtt gcagagttgt 60  
aggtcaaagg gttattttta gcatatgaaa ggacagcca aacagaggat aggctttatg 120  
gccaaagttt gtgctcaata aagagtcctt ttgagccggg cgccgtggct tacgcctgta 180  
atcccagcac tttgggaggc cgaggcgggt ggatcacgag gtcaggagat cgagatcatc 240  
ctggctaaca cggtgaaacc ccttctctac taaaaatata aaaaattanc cgggcgtggg 300  
ggtgggtgcc t 311

<210> 668  
<211> 308  
<212> DNA  
<213> Homo sapiens

<400> 668  
ttagattttc ctaattatga atgatttgag gagcttttca tgtgcttatt ggccatttgg 60  
gatcattttt agagaaattt ctacttaact cttttcttgt taaaaaaat ttgattgtta 120  
ttgcttacta gcggtttaac ctctactag gtgctcagtc tctctgggac tgaatcttct 180  
catcttaaca gcaggacac tcacctcac aggttgctgg ggtgcataag atgaggtggg 240  
acgcattgat gctcaaccca gtgcctgatt cacgggagaa acctaaaaca tttgttatta 300  
ttgtacca 308

<210> 669  
<211> 304  
<212> DNA  
<213> Homo sapiens

<400> 669  
tgatccgccc gcctcgccct cccaaagtgc tgggattaca ggcgtgagcc accgcgcccg 60  
gcctgtacca acttcttaat gcctcaactg catctctgct tggactttta ctgcaaaca 120  
atatattatg tgatgtttta aataaaagaa atatgatgtt cagtaataac tgggtggaatg 180  
agagaatttg gctccatctt ctctaataac aaaggagttc tgctcctaca tctgagcaaa 240  
attataacct tttacataaa aacaactgcg aagagtccca gcatgaacac cgcagtctct 300

gggg

304

<210> 670

<211> 150

<212> DNA

<213> Homo sapiens

<400> 670

taactgggca	tatttaaaga	gaatttaaga	catagccaga	tgatctcaca	tcattttaac	60
gtgcaagata	ttcgagtgtg	tgacacagtgt	atggaaaggt	ctgctgactc	cttattcaaa	120
ggcttgcatt	ccagcccggg	ccaccactta				150

<210> 671

<211> 313

<212> DNA

<213> Homo sapiens

<400> 671

cgtgcctata	atcctagcta	cttgggaggg	tgaagtgtga	ggaccacttg	aactcaggag	60
ttccagcctg	cagtgcagcta	taattacact	actgcactcc	agtctaggca	acagaaggag	120
accctgtgtc	tttaaaaaaa	gacaaagaaa	aaaagaaaga	gagtgcagaa	gagccaggag	180
acataggttt	tagtggctct	gtgaggcata	aagtccctggg	tgaccccatg	gatatttcaa	240
agaggctctc	acatttcctt	gtatcacaaa	atttgatggg	tgactaataa	aacatgtaca	300
gatgtgcctt	aag					313

<210> 672

<211> 307

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(307)

<223> n = A,T,C or G

<400> 672

ggagaaccct	tgggggttac	atttcaatat	ggggcaatta	ttggtggcta	caagtagggt	60
cgtgcaatta	ttggtggtag	gatttgagct	ggcctgaacc	acaatattca	gacactaccc	120
cttctgtctg	ccctctcac	tatcccaagg	gagaagggat	tccaaaatct	caacacttca	180
ctttcctgta	ttaagctgtg	aatgcaaa	attgttctag	tcattcaatg	tcttctgagg	240
aaaaacaatt	cagtgcagaa	tctaacatac	accatgtcta	tcatgtaaaa	tttatgccac	300
agaaaaan						307

<210> 673

<211> 306

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(306)

<223> n = A,T,C or G

<400> 673

caggctgtgt	gggaaactgg	ctgtggtggg	ccggtctgag	gtctcaagtc	tgacaggggc	60
cactggagcc	tccaactcac	caatcaacca	agtgtgagag	gttgctttgg	ttgaatggcc	120
atgtgctggg	gtctgactgg	cccagccaca	gggaggctgg	catcccctag	ctgagtcctg	180



tacccagacc	ctccagggca	tggagcccat	tgtgaggggt	ctgggtgctga	agtgggtgggg	240
gaggcccgtg	caggcctaca	gctttgtcat	ctgcaacatt	cctctcccca	ctttcttttaa	300
acttttn						306

<210> 674  
 <211> 313  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(313)  
 <223> n = A,T,C or G

<400> 674						
tccttttcott	ttagtcttta	tctcattggt	atatgtgatt	ataatgttgt	catttatgca	60
gttgatatgtt	ctatttttaa	ccttaaaatt	tgttacttac	caactttttg	aatatgcctg	120
actgaaaatga	ttcatactgt	agcatgtgtg	actcagggta	gtgaaagggg	gtttgttttg	180
aatancaaga	tgagcatcat	actagtcttc	caccacaaaa	cattccatgc	aacttgagac	240
acagatgaaa	cagccaattt	tcttcttggc	ttgggggtgg	ataaaggggtg	gattgactca	300
tagagggcctt	acg					313

<210> 675  
 <211> 310  
 <212> DNA  
 <213> Homo sapiens

<400> 675						
tactgacata	gtgacttagt	gatttagtag	tgattatgtg	acttagtgac	atagtgactt	60
agtgattatg	tgggtttttc	caaacaacaa	acatgtgttg	catactttct	gtgatagcca	120
atgagaattt	aaagatacat	agagcataac	tgttgccccc	aagcaacaat	gtaataaaga	180
aacaaatata	tatgaagaga	actgcaaaag	actgcaaata	tgtactttca	tagaagcgtg	240
tgcaaaaggt	ttggtgatga	tacttttaaaa	gggaccagag	aagtcatagc	cagggttgat	300
ttccataagc						310

<210> 676  
 <211> 313  
 <212> DNA  
 <213> Homo sapiens

<400> 676						
agagtaagac	cagtaagaca	ttctcaaaga	gttaatggct	ttttgattca	gagttgcttt	60
cttggggcctt	ttctcctttg	tcagcttctt	tagaaatccc	atgctgctcc	aagttgttgg	120
gatgtttgaa	tatctggaag	tgataagaga	tgacagaaag	tcaaggtata	tgactagagc	180
agcagccacc	aagggtgagt	tcctagtctc	cttaagaagt	gactggtcac	tcaaggtggt	240
agaattaaga	gcataccttt	ggggagaagt	agctacagat	gcagctaggg	cagatcaagt	300
tgtaaatggg	ccg					313

<210> 677  
 <211> 312  
 <212> DNA  
 <213> Homo sapiens

<400> 677						
actgtactcc	agcctgggtga	cagagcaaga	ctccgtctaa	aacaacaaca	actctaccct	60
cctttttccat	tataggcttc	tggcctgaaa	caggtttgct	atatagcaaa	acatcaaaaa	120
caaagccaaa	agacaaatga	caaactgggg	caaataggca	aacggttaat	atgttaatat	180

gtcttatata taaataacat taaattgggt ttggagtttt tattaatatc atggacaacc	240
attctgattt ttgcattgag acagtaaccg taacttaaaa tgaccgtagg attgtctact	300
aactaagagt ga	312

<210> 678  
 <211> 299  
 <212> DNA  
 <213> Homo sapiens

<400> 678	
ggccccccgt gcagccacct gctgcacttg cgcactggga gcgacacgct cgggcataag	60
tagtgccgga aagttagctg ccgagacctg gtggattgct ttctgtttat cagtgcagga	120
aaacagcgct atagtactgc gtcacaacta gcgcagactc cggcagttatt tatgcggtgc	180
ggcttgggaa ctagaatcca ctctctgtct tccgcctcag gctagagggc gagcgcttcg	240
ccgtgggact tcttctgcct ggctccgcct cttgccccgg aagtactcac agcggacgg	299

<210> 679  
 <211> 311  
 <212> DNA  
 <213> Homo sapiens

<400> 679	
ggcctctact gggaaccacc ttctgtagga cagtcaccag gccagatcca gaaggcttga	60
ggcctgtggt tccccatcct tgggagaagt cagctccagc accatgaagg gcatacctcgt	120
tgctggtatc actgcagtgc ttgttgcagc tgtagaatct ctgagctgcg tgcagtgtaa	180
ttcatgggaa aaatcctgtg tcaacagcat tgccctctgaa tgtccctcac atgccaacac	240
cagctgtatc agctcctcag ccagctcctc tctagagaca ccagtcagat tataccagaa	300
tatgttctgc t	311

<210> 680  
 <211> 312  
 <212> DNA  
 <213> Homo sapiens

<400> 680	
ttccagagta ccactgaggg cccgacttgg atctgggtact ccttctccat ttgtgtctct	60
tatattagt gttccctaac tttgtagcac gttagcgtca cctggggggc ttttaaaaac	120
cctgatgccc aggtcgtgcc cttatttaat taagtaagaa tgtctgggga ggtgggccct	180
ggggctccag tagcagagt tgggagctgc ctctctacca cttggccttt cattccctgt	240
gttcccttct gtctacattg gccccctact ggtccacact cagggtcttg tctcattcc	300
ccctctgcct gg	312

<210> 681  
 <211> 304  
 <212> DNA  
 <213> Homo sapiens

<400> 681	
gatgtcttat ttttaagatat tttaaaatgt tttacatttg cttaaaattt tacaattgag	60
aaaacatttc tgcataaaca tcatatctca tttccttata ataataattc tgtaagctta	120
tacactgaaa aaaatggtag aaaagtaaga aaaactgctc aaggaccac agaccatttt	180
agaattataa tattaattct ggtcttctaa attcagtgc cattgcatta catgacagtc	240
ctctccatct ttagcaacag agataaaaaat gttggcatcg gggccgggag cgggtggctca	300
cgcc	304

<210> 682  
 <211> 302

<212> DNA  
 <213> Homo sapiens

<400> 682  
 aagagttaga aagaaaagag gaaggcggga gaaagcgtgc ggaagcttct gggagtgtaa 60  
 actttcttgc ccttggccgc tgcgccctct aaagccccgg tgcgctcccc ctaccccagg 120  
 ttttoggagc ctcccagcct ctccctcgtaa ggcgggttccg gccgcctcat ccccgctctc 180  
 tgccccaccg cacccaaggt gttgggtttcg ggaaggacct acgctgggtc ccccgaggct 240  
 cctcggttcc tgccgatgct ctggccggac ccgagggggc ggctgtgga cccgcgttac 300  
 tt 302

<210> 683  
 <211> 205  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(205)  
 <223> n = A,T,C or G

<400> 683  
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 tttgctcgcg tcttcacgcg ctttgggttt cccggtctca tggccggcct gaccttattt 120  
 gtggggccgc tccccccctc gtcccgagc gagcagctgg aggaactgtt cagtcagggtg 180  
 gggccggtga atcagtgcct cgtgn 205

<210> 684  
 <211> 312  
 <212> DNA  
 <213> Homo sapiens

<400> 684  
 tacatcattc aaaactttgt gcagattctg aactctgagg agtttcttga cctgcccgtg 60  
 gacactctgc accacatctt gaagagtgat gacctttacg tgaccgagga ggctcatgtg 120  
 tttgagaccg tgatgagctg ggtccggcac aagccatcag aacgactctg cttactcccc 180  
 tatgtcctcg agaacgtgcg cttaccgctt ctggaccctg ggtactttgt ggagacgggtg 240  
 gaagcagatc ctctcatcag gcagtgccca gaggtcttcc cgctgctcca ggaagccagg 300  
 atgtaccacc tt 312

<210> 685  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 685  
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 gccagactg gataggggac cgcagggact gtggctccac cgcaatccta ccagtgtccg 120  
 cccagccaga taggggaagg ggccgagcag ggggatgaag gc 162

<210> 686  
 <211> 292  
 <212> DNA  
 <213> Homo sapiens

<400> 686  
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tctgtttcaa	aacacatttg	cacccttaaa	gctaacatat	tcagtottac	tgcctctggt	120
atctgtaagc	agaccatttc	catgctattt	ttaggatcat	ttccagaaaa	ataatttggt	180
tcattgtgga	gtctgtcaag	ctaaatggag	ttattttctt	tgtggagtgt	gatgagtaaa	240
tctagtcccta	agaaaatgag	gatttaaaac	atttcctgca	gagagctcat	ag	292

<210> 687  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<400> 687	
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tagtgccgga	aagtttagctg ccgagacctg gtggattgct tttcgtttat cagtgcagga 120
aaacagcgct	atagtactgc gtcacaacta gcgcagactc cggcagttat taggcggtgc 180
ggcttgggaa	ctagaatcca cttcctgtct tccgcctcag gctagagggc gagcgcttcg 240
ccgtgggact	tcttctgcct ggctccgcct cttgccccgg aagtactcac agc 293

<210> 688  
 <211> 288  
 <212> DNA  
 <213> Homo sapiens

<400> 688	
tgttgtgcca	aggggttaaa gaaggtccca tctggccctg agtcccagtc ctcaggtgtc 60
cctgaggtgt	ctatcatctg tgtggtccac attcttcagt tcacatatgt ccccaactgag 120
aaggctgcat	cagccatcgt gaccaactct gagtcaggct tgaggacca ggaatcagtc 180
atgtgactgc	ttctgtgtcc tgtgggggtg ctgtttgtgg caatgactct ctggacccat 240
cacacagatg	tccctctctt gggttcttgt tgtccctctt ggactctc 288

<210> 689  
 <211> 286  
 <212> DNA  
 <213> Homo sapiens

<400> 689	
ctgaataata	ttattacaga actgaaaaaa aaaacccaaa aatactactg taagtatata 60
aaaacataat	tgaatgtgaa attgttctgt tttatgtaaa ttatgtttaa agctaataaa 120
ggggaaatgt	ataaaattat aaagaattta aaaaataagg ccgggcacag tggctcacgc 180
ctgtaatccc	agcactttgg gagggccgag cgggcggatc actaggtcag gagatcaaga 240
ccatcctggc	taacatggtg aaaccccatc tctactaaaa aaaata 286

<210> 690  
 <211> 284  
 <212> DNA  
 <213> Homo sapiens

<400> 690	
gactgcatgc	acagggttta cattttcttg tgaatctata atcatttcaa aatgcaggtt 60
tttaaaaaaa	gtcgttacac tggaatgaaa taaaatgaaa taatgtgaga aaaatagaca 120
agaggattaa	accgcttatg ctttaataata ctgagactat gtcgcagaga aacttctaag 180
gaatattttt	ggtcaagaga tttgtatcgg tgcggttcaa agatacacga aaatttgatg 240
ttgttgaaac	tttcctaaaa atgatacaga ggtaacaata tacg 284

<210> 691  
 <211> 283  
 <212> DNA  
 <213> Homo sapiens

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<400> 691
aagaacaggc ggttgctgct catgtagatc tataaatatg tgctgtatgt cttttttgct      60
ttttttttaa aaaaaaagaa caactctttt tgccctcttta aattacatac aagcatcgta      120
gtcttggttag aaccacaatt tttgttggtt atttataagg caattgagtg gggcgaaaag      180
agcattattht acctgctgaa ttcaacatct tggaagcacc agggaaaaaa ctaggatcct      240
actattattht ttgcggcaga taatgactct agtttgactt ctg                          283

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<210> 692
<211> 285
<212> DNA
<213> Homo sapiens

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<400> 692
gcctgctacg cagccttaaa acctgaggct ttaagttcct agtattgaga agccccagat      60
ttcatactta tttactctgt tggtttcact ttccctctcca ttttggtgtct cttgggatag      120
gctttgtttt attttcaagc tcagctatgt atataaaaga atgctgggct gggcgagtg      180
gctcacgcct gtaatcccag cactttggga ggccgagttg ggcggatcat gaggtcagga      240
gttcgagact agcctgggtca acatggtgaa aacctgtctc tacta                      285

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<210> 693
<211> 280
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(280)
<223> n = A,T,C or G

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<400> 693
tttgtagatct gtcattggtca tggattttca gagttggagg atggtctgag ttctgacctg      60
gtgtaggaat cccttctccc aaaactctaa cagtacattc tcaggcttcg tgagctcacg      120
cttaagacac attatthtct gatgctggac agcttcttta aaaaaatgta gattcttaca      180
ttaagctaaa atttatthta tgaaagttca agaattctgg tccaaattgg gatgaggcct      240
atggtgcagg acttccgtga aattttatga gattacaaan                          280

```

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<210> 694
<211> 274
<212> DNA
<213> Homo sapiens

```

```

<400> 694
tggaaggctg gcacgggggt gagggatgaa atactatcta ttgagttcaa ggtacactac      60
tcgggtgatg gatagagcta acagcccaat cttgaccact atgctataca tgcattgaac      120
acaactacac ttgtaccctt aaattttatac aatattthtt taaaaaggag aagatagtgt      180
ttagtcagat gattggtcta aggttagagg ggggtgggta tatttaaaaca gcacactttt      240
gtacaatctc ttagatatcc taactaaaga aaac                          274

```

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<210> 695
<211> 268
<212> DNA
<213> Homo sapiens

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```

<400> 695
ggctgaaata atthttaagta gcttgcccca aattacatgg gcaacaaaag gagctgaggt      60
ggcactaggt agagcgcaac tcgtgtcatt cctgcgccac tttgtgacca tatcacaatg      120

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tcttttcoctgc	cctaccaaaaa	taggtatttaa	taacagccaa	tatttatatc	attctcttac	180
atgcaaaaaca	ctgctatgat	gcgttatctc	acctgacctc	cacagtgtctg	taagataggc	240
accatgattt	tactcccttt	acacacgg				268

<210> 696  
 <211> 428  
 <212> DNA  
 <213> Homo sapiens

<400> 696						
ggcacgagcc	cccaccctac	cacacattct	atagaactgc	accaacccca	ggaaccgcaa	60
tcagatctct	aaggcgggcg	ccgggaaaca	ggcccccgag	ctgccagact	atgccccaga	120
ctaccagcac	aagttcagtt	ttgacatcat	gcctacggcc	cggcccaaga	ggaagggcaa	180
gtgtgccccg	aggaccccc	tccgtgcccc	cagcggggtg	cagcaggcct	cctcggccag	240
ttccctgggg	gcctccctcc	tggctctggac	actggggctg	gcggtcactc	tccgctgagg	300
acccacggcg	ttagcaccca	gcactgccac	atgtccacca	aggaacagaa	tttattttct	360
tcttttttta	acaagcggaa	gatctgtctg	gttccaggaa	aaggctggta	caggcttctg	420
gggggtgt						428

<210> 697  
 <211> 428  
 <212> DNA  
 <213> Homo sapiens

<400> 697						
ggcacgagcc	agcctggcct	aacgtggctg	cagtctccat	tactgggcgg	aagcggagcc	60
gggtagcccc	tgccgagccc	caggaggccc	ctgattccac	tgctgcagga	ggctcagcct	120
cgaagcggat	ggcgtgggtg	ctggaacggg	tgtgcagcac	tctcctgggc	ctggaggaac	180
acctgaatgc	cctggaccgg	gctgctgggtg	acggcgactg	tggcaccacc	cacagccgtg	240
cggccagagc	aatccaggag	tggctgaagg	agggcccacc	ccctgccagc	cctgcccagc	300
tgtctccaa	gttgtctgtt	ctgctcctgg	agaagatggg	aggctcatct	ggggcgctct	360
atggcctgtt	cctgactgcg	gctgcacagc	ccctgaaagc	caagaccagc	ctcccagcct	420
ggtcagag						428

<210> 698  
 <211> 426  
 <212> DNA  
 <213> Homo sapiens

<400> 698						
ggcacgagcc	agcctggcct	aacgtggctg	cagtctccat	tactgggcgg	aagcggagcc	60
gggtagcccc	tgccgagccc	caggaggccc	ctgattccac	tgctgcagga	ggctcagcct	120
cgaagcggat	ggcgtgggtg	ctggaacggg	tgtgcagcac	tctcctgggc	ctggaggaac	180
acctgaatgc	cctggaccgg	gctgctgggtg	acggcgactg	tggcaccacc	cacagccgtg	240
cggccagagc	aatccaggag	tggctgaagg	agggcccacc	ccctgccagc	cctgcccagc	300
tgtctccaa	gttgtctgtt	ctgctcctgg	agaagatggg	aggctcatct	ggggcgctct	360
atggcctgtt	cctgactgcg	gctgcacagc	ccctgaaagg	caagaccagc	ctcccagcct	420
gggctg						426

<210> 699  
 <211> 424  
 <212> DNA  
 <213> Homo sapiens

<400> 699						
tcgattcgcc	ggaaccccc	tccccaaagac	tatgaaagtg	atgacgactc	ttatgaagtg	60
ttggatttaa	ctgagtatgc	aagaagacac	cagtgggtgga	atcgagtgtt	tggccacagt	120

tcgggaccta	tggtagaaaa	atactcagta	gctacccaga	ttgtaatggg	tggcgttact	180
ggctgggtgtg	caggatttct	gttccagaaa	gttggaac	ttgcagcaac	tgcaagtaggt	240
ggctggcttct	ttcttcttca	gattgctagt	catagtggct	atgtgcagat	tgactggaag	300
agagttgaaa	aagatgtata	taaagcaca	agacagatta	agaaacgagc	gaacaaagca	360
gcacctgaaa	tcaacaattt	aattgaagaa	gcacagaatt	tatcaagcag	aacattgtga	420
tatc						424

<210> 700  
 <211> 414  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(414)  
 <223> n = A,T,C or G

<400> 700						
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gctcttcagc	cagggcattg	gaggggagca	ggcccaggcc	aagtttgaca	gctgcctttc	120
tgacttggcc	gccgtgtcca	acaaattccg	agacctcttg	caggaagggc	tgacggagct	180
caacagcaca	gccatcaagc	cacaggtgca	gccttggatc	aacagctttt	tctccgtctc	240
ccacaacatc	gaggaggaag	aattcaatga	ctatgaggcc	aacgacctt	gggtacaaca	300
gttcatcctt	aacctggagc	agcaaatggc	agagttcaag	gccagcctgt	ccccggtcat	360
ctacgacagc	ctaaccgggc	tcatgactaa	ccttgggtgcc	ggcgaggtgg	aaag	414

<210> 701  
 <211> 404  
 <212> DNA  
 <213> Homo sapiens

<400> 701						
ggcacgagga	acgtcctatg	tgggactttg	gggcaaacac	cagtttggtc	gccccaggag	60
aagaggccgc	cctggcccag	ctccatccat	ctggagagca	acacagaccc	aggacccccg	120
gcccgcattc	ggtcgacaga	tgtgtgtctc	tatctggcag	gcagcccccg	ggaccagca	180
gaaattttgc	ccctagccta	gctctggaat	cgacctccag	gtatcttgtg	aacctgaggc	240
ctctcctctc	cacacccaag	aaggccccca	ggcctgtggt	gctgtggtcc	tggccccctgc	300
agctgggact	ccaggaagcg	tgccgaggcc	cacctgctg	gctggcagct	cccaagggca	360
ggtctgtctg	agccctcata	ctgggagtga	gcctgggtag	acaa		404

<210> 702  
 <211> 317  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(317)  
 <223> n = A,T,C or G

<400> 702						
ctaacggtgg	agcttcaggt	ctgcattttt	ctttctcttt	ttttagtggg	cacagctatg	60
atatcaaaag	gtaggcctgg	aaccaagctg	atgggagagg	gaagacctga	actggtcagt	120
ataagaagga	aatgagaaat	gaacaggaat	gaaatggggc	gcgagtggtc	agagagcaaa	180
naaggaagtg	tgggcagtga	gtgcctgatg	gctgcggagt	ttctgtttca	aacgataaaa	240
aaaaatttta	gaaatggaca	caacattggc	cgggcacggg	ggctcacacc	tgtaatccca	300
gcactttggg	aggctgg					317

<210> 703  
 <211> 398  
 <212> DNA  
 <213> Homo sapiens

<400> 703  
 cggttgctgtc gggtttttcat ttttttctat catgttctta attttcattc cttttctata 60  
 gcattctatt cttgactcaa gaatgtaaca ttttgtctgc atatattcat ttttttgaag 120  
 ttttcttatt cctgcatagt ctattgcttc atgtattttt tttgtttttg ctttcttttg 180  
 gactctgtca tgttggaac ttttctcaat tgccttcctt aggttaactgc ataatgtgat 240  
 gtggaagatt caaaagtga ttgccttata taaattcgac agtttgaaac ttccctttag 300  
 gctgatctgg gtcagccatt ttgggagagt tctccagaga ccttaagtct tatgtcttgt 360  
 gctgggcaga caccctcagg gaatagtctt ccattttt 398

<210> 704  
 <211> 395  
 <212> DNA  
 <213> Homo sapiens

<400> 704  
 cggttgctgtc ggcgaccaga aatctctatc acagatttat tgatgaagaa acgaaggata 60  
 ccaaaggctcg ttattttata gtggaagctg acataaagga gttcacaact ttgaaagctg 120  
 acaagaagtt tcacgtgtta ctgaatatct taccgacctg ccggaggcta tcagaggctc 180  
 gagggggagg acttactcgt tatgttataa cctgagtcct ttgtgaactt ttgaacatac 240  
 caacagggta tagagtatag aggctatttc tataattttt ttatatataa tttttttaac 300  
 ttttaatctt ttttgccttc tttttttttt ttttaaaaaa agattttttt tttaacaccg 360  
 ggggtttttt ttttcccccc agcttatttc tagga 395

<210> 705  
 <211> 395  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(395)  
 <223> n = A,T,C or G

<400> 705  
 cggttgctgtc gcaccaggcc aggagggggc tggcggttag ggactgcttg tctgtgagct 60  
 tctagacctg ggtgctctac ggggtgatggg aggaccagcg gggaggggca ggctccctgt 120  
 ccagagtctt ggaggtgggg ccctgggtgg tggctctggc tgtcccgcc ttgagtagct 180  
 gggatctcat gagtccggga gtccctctgt gtccacatcc tgcagtgtg cgggggctgc 240  
 ccggccagat gcaggccagg gctggacact tactcctcct agacttagct tgaacagtgg 300  
 cattaaccat ggtcactccc ataaaccag gctccagacc aggggcccga gagcgaggcc 360  
 tggggactgg gaagtccan aaccccaggg tggag 395

<210> 706  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 706  
 cggttgctgtc ggttcaggac cagcttggac aacatgggga aaccccgctt ctactaaaaa 60  
 taaaaaaac agccgggtgt ggtggcaggc gcctgtaatc ccagctactt gggagactga 120  
 ggcaggagaa ttgcttgaac ccaggaggcg gaggttccag tgagccaaga tcgtgccatt 180



gcactccagc	ctgggtgaca	cagtgaagaca	ttgtcaaaaa	aaaaaaaaaa	aaaactgctg	240
gggggcctttt	tttgctgaat	cccaaacatg	gtgaacacct	tggtggggtg	ggcccaaccc	300
cctttgaaat	ggcgggaaaa	aatgggcttt	tttgggaaaa	ttggggagcg	tttggttttt	360
ttggaccctt	tttaaagctg	aaaaaacctg	tttaac			396

<210> 707  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<400> 707						
ggcacgagca	gcttttagagt	cccctagaaa	gagcatcatc	tttgagcctt	atccctctgt	60
ggtggacccc	actgatccca	agactctggc	ctttaaccct	aagaagaaga	attatgagcg	120
gcttcagaaa	gctctggata	gtgtgatgtc	tattcgggag	atgaccagc	gctcatatct	180
ggaaatcaag	aaacagatgg	acaagttgga	tcccctggcc	catcctctcc	tgcagtggat	240
catctctagc	aacaggtcac	acattgtcaa	actacctctc	agcaggtggg	tcccacattg	300
agaactggca	ttcgatcctg	cgcaatgggc	tggtcaatgc	atcctacacc	aaactgcagg	360
aatgggaaaa	ggacagcaca	ggatgccctc	caag			394

<210> 708  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 708						
cggtgctgtc	ggcagcggcg	ctggctttag	aaaattactt	ttcccactga	aacacaccca	60
agtatatgcc	cagccttcat	gaaagtgaac	agagaaacga	agcgccttta	tgtgggtggc	120
cttagccagg	acatttctga	ggcagaccta	caaaatcagt	tcagcagatt	tggagaagtt	180
tcggatgtgg	agatcatcac	acggaaaagt	gaccaaggaa	acccacagaa	agtttttgca	240
tatatcaaca	tcagtgtagc	agaagcggac	ctgaaaaaat	gtatgtctgt	tttaaataaa	300
acaaaatgga	aaggtggaac	attacaaatt	caactagcaa	aagaaagctt	tctgcacaga	360
ttggcccaag	agagagaagc	agcaaaagct	aagaaa			396

<210> 709  
 <211> 385  
 <212> DNA  
 <213> Homo sapiens

<400> 709						
cggtgctgtc	ggcagcaaaa	aaacagttat	gtgagcagtt	tcacttggag	gttcacatgg	60
ggtggcagca	cacttaacat	ctaacacacc	aggttcattg	tggtcataac	acttgtcatt	120
tactgttaaca	acattttttc	ataggagagt	aaatagccct	tcagcatgct	cattcatgaa	180
acagaagagg	ctgtacaagt	gaagacaagg	gctttttatg	caagtgttga	aagataggta	240
tttatttttt	ctagagacag	gagttttgct	ctggtgcccc	ggctggagtg	cagtgggtgca	300
atcatagctc	attgaagcct	cgcactcctg	ggctcaagtg	gtcctcctgc	ctcagcttac	360
tgagtaagga	tatgtatttc	ttaaa				385

<210> 710  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<400> 710						
cggtgctgtc	ggtgaccaga	aatctctatc	acagatttat	tgatgaagaa	acgaaggata	60
ccaaaggtcg	ttattttata	gtggaagctg	acataaagga	gttcacaact	ttgaaagctg	120
acaagaagtt	tcacgtgtta	ctgaatattt	tacgacactg	ccggagggcta	tcagagggtcc	180
gagggggagg	acttactcgt	tatgttataa	cctgagtcct	ttgtgaactt	ttgaacatac	240

caacagggta tagagtatag aggctatttc tataattttc ttatatataa tttttttaac	300
ttttaatctt ttttgtttcc tttttttttt ttttaaaaaa agattttgtt tttgccccca	360
ggggtttttt ttttcccccc agctta	386

<210> 711  
 <211> 363  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(363)  
 <223> n = A,T,C or G

<400> 711	
tcnagtgcgc gggaggctgg tgtgtctgta tatgtggtca actctctgga tgttaacacc	60
ttgctggctg gccaccaagt gaagataaac tggcctgggt cacaagtctt ttttctgtgt	120
ctagttgccc aagggtggaca catctctgtc atgtctcagg accagtaaac tcaagctatg	180
cttggaagga cagaattgat caagatggaa tgactcctga gaggagacag tagtgatatt	240
tctgctccac tgctatttat ttttctggct tcaaggttca gattcaacca tggcaggaga	300
gaaagtcctt agcagnttct tattttatat tttttttggg cctatgcacc cctcattaat	360
aag	363

<210> 712  
 <211> 361  
 <212> DNA  
 <213> Homo sapiens

<400> 712	
tgaacccggg ggggggggttt gcagtgaacc aatattgtgc cactgtactc cagcctgagc	60
aacagcgcca gagtcgttct caaaaaaaaaa aaaaaaaaaa ggggggggttt aacccctgg	120
tatccccac cttttggggg ggggggggat tctcattttt tgccgggaaa aaatttccag	180
gttgggattt tottaagttt ggaaagggtg ccccttgggc ttttaataacc tttaaagggt	240
aataaaaagg ggggggttcc cccgggaatc cccacattt tggggggggcc gggggggggg	300
gaccaaaggc cagaatttta aacccccccg gcccaacata ggaaaccctt gttttattaa	360
a	361

<210> 713  
 <211> 390  
 <212> DNA  
 <213> Homo sapiens

<400> 713	
ggcacgaggt tgggtagaga cgggtgtttc accgtgttag ccaggatggt cttgatctcc	60
tgacctcgtg atccgcctc cgcctcggc atctcaaagt gctgggatta caggcgtgag	120
ccacggcgcc cggacttcct tcttttttaa gcaaagcctg ttagaatggc ttggatctcg	180
aggtggcgct ttacccgacc tccgagggct ctgcagccgc tgcgggagaa tgaccctgtc	240
ggtatttttg aggcctgctt gagcgcggcc ccctgccaa gaccggcca tcaaggccct	300
gatgcggcca gaccgcgcc tcaagtgggc ggtgctggtg ctggtgctgg tgcagatgct	360
ggcctgctgg ctggtgcgcg ggcctggcctg	390

<210> 714  
 <211> 382  
 <212> DNA  
 <213> Homo sapiens

<400> 714

cggttgctgtc	ggcctattac	aagcacattc	tttgattgag	tcattggata	taaacttact	60
aaatgcataa	aaagcagtca	atttacgaaa	cttctgagtt	ggtagggacac	tgttgattaa	120
taatgtactg	tatgaattaa	gagatgcttt	aactttgatt	ttacatttta	taggtaacat	180
gtggacatta	tagtatcaaa	catattggca	ttatgtcggc	atactagaaa	cattgtattt	240
cctgtgcttt	taaagtatac	tctttacatg	atctgagaga	ggattcaagg	tgatagaaat	300
agctgagggg	aaaaggggga	acattttggt	atgaagattg	gccttatggt	gatgggttaa	360
ttacacatta	tgatgttaga	ag				382

<210> 715

<211> 351

<212> DNA

<213> Homo sapiens

<400> 715

tacggctgcc	agaagacgac	ggaaggggtg	cagtggcacg	atcttggtc	actgcaacct	60
ccgcctcccg	agttcaagag	attctccggc	ctcagccccc	tgagcagctg	ggattacagg	120
cactgcccac	caagcccagc	taatttttgt	attttttagta	gagacggcgg	tcaactcctg	180
gaactctgaa	tgaagcgaag	atgcgtaatt	tgggataata	tcaaacctgg	cgtggtgagg	240
aaagcccacc	acaagcccgc	ccctggaatt	tctccctcct	ataaaccag	gcaacataaa	300
taagtgtggc	tgggcgcccc	ctcctcccaa	aaactcttgc	tgaaggacgc	c	351

<210> 716

<211> 378

<212> DNA

<213> Homo sapiens

<400> 716

cgttgctgtc	ggagacttcc	caggaaggct	cagcgccctc	tcagccttcg	tactcagaac	60
agccgatgat	ggcctcagt	aacctgagcc	ccggtcctgg	ccccagccag	gccgtgcctc	120
tcccagaggg	gctgctccgc	cagcgggtaca	gagaggagaa	gaccctggaa	gagcggcggt	180
gggagaggct	ggagttcctt	cagaggaaga	aagcattcct	gcggcatgtg	aggaggagac	240
accgcgatca	catggccccc	tatgctgttg	ggagggaagc	cagaatctcc	ccattaggtg	300
acagaagtca	gaatcgattc	cgatgtgaat	gtcgatactg	ccagagccac	aggccgaatc	360
tttctgggat	ccctgggg					378

<210> 717

<211> 381

<212> DNA

<213> Homo sapiens

<400> 717

cgttgctgtc	gggacatggc	acctttctgc	tgtgcctgga	aaccatttac	cagaaagtga	60
cgggcaagga	gctgagatac	gagggcctga	tgggcaaacc	cagcatcctc	acttaccagt	120
atgccgagga	cctgatcagg	cgacaggcgg	agaggcgggg	ctgggcccgc	cccatccgga	180
agctctatgc	tgtgggtgat	aacctatgt	ctgacgtata	cggcgccaac	ctgttccacc	240
agtacctgca	gaaggcaacg	catgatgggg	cgccagaact	aggggcccgg	ggcacacggc	300
agcaacagcc	ctcagcgagc	cagagctgca	tctccatcct	ggtgtgtaca	ggcgtctaca	360
atcccaggag	cccacagtcc	a				381

<210> 718

<211> 344

<212> DNA

<213> Homo sapiens

<400> 718

ttaaggaacg	gaagttaaga	atgtaacaga	caaagtaaaa	agacggcaga	gttgactgct	60
aagcctaata	cttttaggct	tctcatgtta	ccttgcttaa	aattgctgta	taatttcaaa	120

aatgccccac	ttcagtttta	aaaagtaaaa	taactattta	atttatttat	agaattaaaa	180
gaaaaaaata	gtaaatctgt	gtttttgcct	agaattagtc	cttagacact	acatcaaaaa	240
acaaatcttg	gccaggcatg	gtggctcaca	cctgtaatcc	caacattttg	ggacaccaag	300
gcaggcggat	aacctgagat	caggaattca	tgacctagct	tgcg		344

<210> 719  
 <211> 376  
 <212> DNA  
 <213> Homo sapiens

<400> 719						
cgttgctgtc	gcaaactttg	gggaaaagga	aaggaaacac	aggagaagtt	ttcagcagtt	60
gccccgagct	gttttggtgt	taatgaagtg	gttctttgat	taaggagctc	tatttcttat	120
ttaactgata	tcccactgcc	ccactccaca	aaataggaaa	atgaagaaat	ctttctctct	180
gacttgttta	catcatttca	cggaaacaca	tctttgtttg	taatgcagta	ttctttctct	240
gtgtttgaca	gagatgggga	ggggcagagg	aatttaagag	gtttttaaag	aaatgttatg	300
tttcttatga	cttgtttcca	ctcctcgta	aatgctattc	ttaggtttct	acgaaacctt	360
atgttagaac	cgcac					376

<210> 720  
 <211> 349  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(349)  
 <223> n = A,T,C or G

<400> 720						
nttaatctgg	gtgccgggga	caagaagcag	aggaaaaacc	acactatcaa	gctgcaagag	60
ttggcactgc	tgctgcccat	agccctgaag	acggggacca	agaagctcac	aaaggtacag	120
ggactagagg	agaggggcca	gatttgggac	gcaggctctt	aaatagcagc	agatgggtca	180
ccctctcctg	ggaaacctgg	acagatcctt	tcagtggcag	cattcatatg	ggaatggggc	240
tactctgaac	gggaattttc	gggagtctgt	gaaccataa	ctaggtgcct	gggggatcct	300
ttttttggaa	aggagagagg	agaaaccggg	ctgggggaaa	aaagagatn		349

<210> 721  
 <211> 375  
 <212> DNA  
 <213> Homo sapiens

<400> 721						
cgttgctgtc	ggtttagtacc	aagctaagag	tttacttaca	gatgacagca	agcagatgct	60
ctagtaattc	gtcagacatt	gcagggatat	tgtgtagtca	gatattaccc	tcttgtggaa	120
agaactacct	cacatcatta	tttatttccc	ttctgttacc	aacagccaag	gaattactta	180
gtgtggctcc	ctgcatcaat	actgggatat	gcttaaacaa	gggaatgcca	taagagttcc	240
caattgcctc	gtcatagcct	gggccataga	tttttgttac	tgctaattct	gcttctttaa	300
gttcacaccc	agtgcacaaa	acccaatcag	caaactaacc	ccaaaatcca	atatatttag	360
aaatgtaagt	gttaa					375

<210> 722  
 <211> 341  
 <212> DNA  
 <213> Homo sapiens

<400> 722

acaaagagga	attagtgaat	gaataaatga	aagtctatat	ggtaaagctg	gggcatggta	60
ggactagtcc	tttagaagtc	tcctgattct	tagtttactg	ctctttgcaa	tccacagcat	120
taacccccac	atatatatgc	cccagggtgta	gcctgactca	taacatcact	aaccctacta	180
ccaatgggtga	tgtgtaagca	ctttgtgctg	ggttaaagct	tcaaactttt	cttattgaga	240
ttagatgatc	taagcagtag	agtcccttaa	atcaagggttc	agggccaggc	gcggtggctc	300
acgcctgtaa	ttccagcact	ttatgaggcc	gaggtggctg	g		341

<210> 723

<211> 371

<212> DNA

<213> Homo sapiens

<400> 723

cgttgctgtc	gggctctcta	gctcctccct	gagtgcctgg	gttctttgca	gtgattat	60
tgtagccatt	tacctgtgat	tcaggggcca	gggtgaggcc	caagagtgg	ggtcgggcag	120
tggacaggcg	ggccaggctg	aaagacctct	gacaagggtc	tgtgtgggg	gcaggtgtgg	180
ccggtgtgga	tggcatgctg	ggtcgggtgc	cacagagtgt	ggtggacgag	gaggacagt	240
gtctgcagag	cacctgggag	gcatcgctgg	agctacgggg	cctggcccg	gttgctgata	300
acgccagca	gcagtatgtg	cgctcacgcc	cggcgccctc	gcctgagtc	atcaagaggg	360
ccaaggagat	g					371

<210> 724

<211> 333

<212> DNA

<213> Homo sapiens

<400> 724

catgggggga	aaagacctct	ctaattgttat	gtagaaagag	aaggagggag	tgcccttct	60
agcgtggatg	cctttgggtc	ccagatctgg	atgtgagggg	ctggctctat	ctcttaagaa	120
gacatttacc	tagcattgg	aattggagatg	gggccttaat	agggctaggg	aggcacacc	180
aactccagac	acagctctct	gctgttcccc	ttcccagtg	acacagtccc	aattcccact	240
ccagaaaatt	ttttaaaaac	atatcttaaa	aaaaccccaa	agagccaagc	agaccctcag	300
cttcaaggga	tctcctcatt	ctctctctct	ctc			333

<210> 725

<211> 334

<212> DNA

<213> Homo sapiens

<400> 725

acgtcctact	gtaccagcaa	taagacaata	tgaataccct	gcaaccttaa	ggtgcttgaa	60
gtaagtaata	cgctctcaat	gagacaaaag	caacaatttg	gaaacaaaag	tggaaattaa	120
caatgccact	ggtttctggt	taaagaattt	atgtatcggg	ctttcattgt	gaataaactc	180
agtaagcagc	tactcaaagt	atgtgattac	atggtctagg	aatatactct	tgggtctccaa	240
aatgacttct	ctatgactcc	tggtagtata	tgaaacttag	taattaacac	tttctaccat	300
ttaaatcaaa	taaatatgtt	tatctctgtg	aaag			334

<210> 726

<211> 334

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(334)

<223> n = A,T,C or G

```

<400> 726
aagctcggaa aaagaaatag aagagaaggg ttatgatgga tttccttgat ttattcagat      60
tgtgaaaacc taacagataa atttccacaa aattaaagaa aattcaaata ttagatgggt      120
gaagaagtcc ctccaatttt aaataccagt aactcatcat ttacctgaga ctagaaaata      180
actagatatg cttaagatgc ttctccattc ttgttggtct cggggctaca ttctttctga      240
taggtacctg gcgtgtatat tacacttcac atgtgcattg catactgcag tgaatcaagc      300
aatctgggag ggaaaccttg ccagaggaga aatn                                     334

```

```

<210> 727
<211> 328
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(328)
<223> n = A,T,C or G

```

```

<400> 727
tcattttatg ctgccttctt agatgcaagt attcattcat cccattattt actcaatcaa      60
tgaatatatta ctgaatcctt tctacatacc agacattgaa ccagacatgg ctcaatgagg      120
acttggtgta gcccttgagg gagcttacag tctcagagag ggaaacagtc atgtaaaaat      180
gagtcgtggg aaaatactac aagtgttttag gataactaat aagtgagaaa aaatagatca      240
gatggctctg aattctggaa ggtgagctca ccagatagtt gaattccaaa tacatgcaat      300
gttatgggtg gtgtgtgtgt gtgtttgn                                     328

```

```

<210> 728
<211> 329
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(329)
<223> n = A,T,C or G

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```

<400> 728
gcaatgagtc ttaagaaggt aacagcctaa aaccatctca gatgaaatgg agctgctcag      60
agacttttgg gagctctcag acctggtgga gacctctatc ccaagtcaaa atgcaacact      120
cacttcaaac agaaatatcc ctacaagaca ttaattcaca atttcaacgc tttatgacct      180
cccactatat gccaaagcact tttaaagact tcagaggaat ataaaaatga atcatatttc      240
atcttccatc tgctcaaaat tctctttggg tgggcagtggt ggagcagcag aaaagtacgt      300
tatttggttac aggggagggt tggatgaan                                     329

```

```

<210> 729
<211> 164
<212> DNA
<213> Homo sapiens

```

```

<400> 729
ggcagacgca ggggtcggcg cggggtgaga gcgtgcggcc gggtgagagc gtgcggccgg      60
attcaccaca acatggcaaa tctttttata aggaaaatgg tgaacctctt gctctatctc      120
agtcgtcaca cggggaagcc tcgagccctc tccacatttc tatt                                     164

```

```

<210> 730
<211> 320
<212> DNA

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<213> Homo sapiens

<400> 730

tcaggtggga	ggatcgtttg	agtctgggag	gttgaggctg	cagtgagcca	taatcatgcc	60
actgcactcc	agcctggaca	acagagcaag	accctatctc	aaaaataata	aaattttaa	120
gttgatata	gatgtatgta	aatacataga	aaaaaactgg	agaatacat	ttaaatagtt	180
aatagtgttc	aacaattttt	taccaggcac	ctactattgg	taggtgagaa	tatattgggtg	240
aataaaaacc	cattgatctt	gccctcatgg	atcatatgtg	gacaagatca	gcctttctca	300
actggagttc	tgagagattt					320

<210> 731

<211> 369

<212> DNA

<213> Homo sapiens

<400> 731

ggagatgatt	tggacaaatg	gggttttcaa	ctttgatgtg	aagggaaaag	gggaagtagg	60
ggatacccct	tcagctgtca	ggaactgggc	acctacatgg	gaagccctag	atctgcaa	120
gctttgagct	ataacaagtt	tgaaaagctg	gatgtgagac	agcactctaa	tttaagggga	180
tgataaaggc	tgggatcccta	attctcaccc	caaaccctaa	tagcatagtt	ctatttggcc	240
aatccaaaaa	gcacgtgtat	cttggaactg	acctgtagac	tcccatggtc	tgaatgaagt	300
gatatgtccc	ctaaagcttt	ctctggctgg	ccctaagaca	attaactagt	aagatagcat	360
accagattt						369

<210> 732

<211> 309

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(309)

<223> n = A,T,C or G

<400> 732

ctctaggagc	ttccagggtca	cttctaactg	cctgcagctc	tcccttctcg	gaaccctgct	60
gcattcaaag	aggagccgtg	ctatttagct	cttttttctt	gtcttttttt	ttttttttaa	120
aacaggggtt	ccctttgccc	cccagggtgg	agagacattn	ccaatgaaat	tctaagcagg	180
ctcccttccc	tcttgcggtta	ccccaaatcc	taattgtata	cctaaaaaga	gtgggggcat	240
aatggggcgg	ccccacaagg	ccaggggggt	tacagtacac	ttggtgatag	aactttctac	300
ccccaccta						309

<210> 733

<211> 461

<212> DNA

<213> Homo sapiens

<400> 733

gtcattgtct	ttttgattat	cccatcgatt	ccaattccgt	tgctgtcggt	ttcccggagg	60
aaatgactat	tacctgacga	tcacagggcc	ttcgacccc	ttcctgtcag	gggccgagac	120
attccatata	ccaagcttgg	gtgatgagga	atttgaatc	ccacctatct	ccttggtatc	180
tgatccctca	ttggctgtct	cagatgtggg	tggccacttt	gatgacctgg	cagacccttc	240
ctcttcacag	gatggcagtt	tttcagccca	gtatggggtc	cagacattgg	acatgcctgt	300
gggcatgacc	catggcttga	tggagcaggg	cgggtgggctc	ctgagtgggg	gcttgaccat	360
ggacttgga	cactctatag	gaactcagta	tagtgccaac	ccacctgtta	caattgatgt	420
accaatgaca	gacatgacat	ctggcttgat	ggggcatagc	c		461

<210> 734  
 <211> 449  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(449)  
 <223> n = A,T,C or G

<400> 734  
 ggagaaggct tttngatata cgcaggatac cacttgcttg ctggtttggc cgtagctcc 60  
 aaacattcta cacgttgata gaaaactacg aagagggacg cttatacttg ccatcatatt 120  
 ttactctaaa cccctgctac tgggtcattt tttgattatg caggtaaata ccaaagcttc 180  
 cacaggctgc tctagtattc tatcgggcat tttattccaa aacttttttt ttacttttta 240  
 ctatatgcct agcagagggtc taaaaccttt atacacatta actgacttaa tcttgaccag 300  
 atctgcggat tcagtacatt ttactcccat tctggagctt acgtaaatga aacactgaca 360  
 cgctgatagt catgtgttag agtcacgatt tgaacctacg taagcttggc tgcaaaaact 420  
 gtgtttctcaa atgtctgtac ttttatatg 449

<210> 735  
 <211> 450  
 <212> DNA  
 <213> Homo sapiens

<400> 735  
 tgacgagcac atggactttc tgcgcgatgc ccttcaggac catgcgtgct acttggtgca 60  
 gaagaccacc gaagggacac ccacctgcat tgtgagctct atggccttga aaattacgac 120  
 acaattcttt tacgactcct ccccttcacc atttgtgtcc acattaccat tgctactgtc 180  
 tggcatagca gtcccttttta taaatctacc ctaaggctcc ttccatcttg tactgtttcc 240  
 tttctccctc ccatctgctc cagaagaaaa aaatatatat atactacaga atccaccctt 300  
 gcctcacttt atgatgacgg cattccctat ggaagcccta tgctcctttt cacacacaca 360  
 aaaaatggaa gtaatattat tttctttgaa aatcatcaat cctcctacta tgacatatgg 420  
 aaagcaaaca gctgtaccac cgaaaggtag 450

<210> 736  
 <211> 416  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(416)  
 <223> n = A,T,C or G

<400> 736  
 ctatcttaga acaagttaaa tagtatatgt acttgtaata acttgtgact agatatgtta 60  
 gttttgtcta ttaatttttc tgttaaaaag aatatgcatt gaaatgagat ggaaaacaaa 120  
 atgaaaagtg ttttaaaaaat taaatatattt agaaggatca ataccctaag ggttgtgggt 180  
 aattcttttc tactttctaa aacttcagat tcctttcact cacttaaggt tgtactacca 240  
 ttaatgcaat gttttctggg agtgcaagat ttgcanatga attaataaca gctagaagcc 300  
 tcactatttg cactttttata acattctttg cttgtatcat tacaagggtta aattatatag 360  
 taataggtgg aaaaaagtat caaaaatcag tgaaaaccac atgggattca tatggn 416

<210> 737  
 <211> 412  
 <212> DNA



<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(412)

<223> n = A,T,C or G

<400> 737

aagttgcctc	agaatgagac	acactctttg	acttcacatg	caacagaaaag	gcacagtttt	60
atttcaaaca	aagcagtgtt	ttgctgtaac	accgttaaaa	actggaaaag	aaaactcaat	120
caaaccaaaa	actagatgct	taggaataaa	tggtagaatt	cttacaaaac	caccacgctt	180
caattcaatc	taaatcaatt	caacaaatct	gtgctgaaaag	tataacattt	agttttctta	240
gacaccanat	gaacaatata	aaatccctca	agggacttag	aacattcaag	ttttctatat	300
ctgtggttct	aagtctgtta	ccaacttcca	ggactctgct	tctttccctc	tgcccattaa	360
caatgcgngt	gttaaagtga	cttcttacca	ctatagtttt	tacagctgat	tc	412

<210> 738

<211> 441

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(441)

<223> n = A,T,C or G

<400> 738

tcgatctcaa	ttccgttget	gtcggcggac	gccttccttc	tgaagcgagc	caccgagaag	60
ataagcgagg	acctcagggc	cacactgaac	gccttcctgt	accgcacggg	ccagcacagc	120
aacaagttca	tgctggtcct	ggccagcaac	caaccagagc	agttcgactg	ggccatcaat	180
gaccgcatca	atgagatggg	ccacttcgac	ctgccagggc	aggaggaacg	ggagegcctg	240
gtgagaatgt	attttgacaa	gtatgttctt	aagccggcca	cagaaggaaa	gcagcgcttg	300
aagctggccc	agtttgacta	cgggaggaag	tgctcggagg	tcgctcgggt	gacggagggc	360
atgtcggggc	gggagatcgc	tcagctggcc	gtgtcctggc	aggccacggc	gtatgcctcc	420
gaggacggng	tcctgaccga	g				441

<210> 739

<211> 403

<212> DNA

<213> Homo sapiens

<400> 739

ggaagcgtcg	gcgacgcata	gcgcgatggc	gcgggcggga	cagtgccttg	gaaactgaac	60
acaacaaaag	tatggatatg	ggaaaccaac	atccttctat	tagtaggctt	caggaaatcc	120
aaaaggaagt	aaaaagtgtg	gaacagcaag	ttatcggctt	cagtggcttg	tcagatgaca	180
agaattacaa	gaaactggag	aggattctaa	caaaacagct	ttttgaaata	gactctgtag	240
atactgaagg	aaaaggagat	attcagcaag	ctaggaaaag	ggcagcacag	gagacagaac	300
gtctttctca	agagttggag	cagaatgcaa	accacccaca	ccggattgaa	atacagaaca	360
tttttgagga	agcccagtc	ctcgtgagag	agaaaattgt	gcc		403

<210> 740

<211> 430

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(430)  
 <223> n = A,T,C or G

<400> 740  
 ccacgatttc gaattccggt gctgtcgccc agaaggggtct gcatggggcca tgagcggggca 60  
 ctcccaatac agcttaccgt acaggctttg gacatgccgg aggaggccat cgagactttg 120  
 ctgtgctacc tggagctgca cccacaccac tggctggagc tgctggcgac cacctataacc 180  
 cattgccgtc tgaactgccc tggggggcct gccagctcc aggccttggc ccacaggtgt 240  
 ccccttttgg ctgtgtgctt ggcccagcag ctgcctgagg acccaggga aggcagcagc 300  
 tccgtggagt ttgacatggt caagctgggt gactccatgg gctgggagct ggctctgtg 360  
 cggcaggctc tctgccagct gcagtgggac cagcagccca ngacaggtgt gcggcgtggg 420  
 acaaggggtgc 430

<210> 741  
 <211> 437  
 <212> DNA  
 <213> Homo sapiens

<400> 741  
 gcaggatccc atcgattcta aatccggttc tgtcgcacag agccaactaa cgacagctat 60  
 ggattatttg cggtttgat gcatagtggc attacaatta gtagtgggca ttacactgct 120  
 tctgttaaag tcaactgacct taacagttta gaactagata aaggaaattt tgtgggtgac 180  
 caaatgtgtg aaataggtta gccagaacca ttgaatgagg aggaagcaag ggggtgtggtt 240  
 gagaattata atgatgaaga agtgtcaatt agagttgggt gaaatacaca gccaagtaaa 300  
 gttttgaaca aaaaaaatgt agaagctatt ggacttcttg gaggacaaaa gagcaaagca 360  
 gattatgagc tatacaacaa agcctctaatt cctgataagg ttgctagtac agcgtttgct 420  
 gaaaatagaa attctgg 437

<210> 742  
 <211> 428  
 <212> DNA  
 <213> Homo sapiens

<400> 742  
 cgttgctgtc gctgtcacag acacatattt ggatttgtga ttttattctc ctggatggac 60  
 aattgtgatg gatttttttg gttccgggct tcaagctttg caatctcacc ttctttgccc 120  
 ttccctcttg cataatggaa gaggcgctgc taatttgggt tccatccttt cctgctttca 180  
 cagactgccc tgtgatttcc taaaacattt ccattagttt gtttgaattc tctgattttc 240  
 ttcccttagg gccctccaca ggctctgtg ctagtgcctt gaatgatggc aagcgtacaa 300  
 aaaatatttt ttttcttttt aaaaacgttt ttgttccggc ccccatgct tgtgagccca 360  
 attcatctct ctgcgacgtt atttccacc cctaccctcc tcagctttcc agcgtgctca 420  
 tcagggggg 428

<210> 743  
 <211> 424  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(424)  
 <223> n = A,T,C or G

<400> 743  
 cgagtcgtac aattttgtaa nganccggag cccacgattc gaaggctcct gctttcggga 60  
 agaatattct acttatcaca ccagagcttc caccgacagg ggggggggacg taacacacct 120  
 tggttccctt ccggcttttc ttcccttctt ctcctgctt ctccttaate ataccaaaag 180

cgctcagct	ctgattggct	ggagctctgt	gctatctcag	ccaatcacia	gccgggctgt	240
gtcctacac	catccgaaga	gcgaatcgtg	cagagaccgt	gtctacgatt	ggcctctccc	300
tgacaaggat	ttaattatga	atctttcttt	atggcgtggg	agaggccaca	gcccgactc	360
catcgactcc	cccggctctt	agactaaaat	catgcccag	tgcaaacaac	gaagacgaaa	420
gcta						424

<210> 744  
 <211> 429  
 <212> DNA  
 <213> Homo sapiens

<400> 744						
cccacgatt	cgaattccga	tgtgtcggg	ggctctgtat	ggccagtaac	tgggactcga	60
gctttcagat	tctcaactag	ccttggcaaa	acagctgtag	gtggcctccc	tgacaacaga	120
cactcagacc	tccccaccc	ggctctcctt	gcatttcccc	atgctcccca	ccccctggca	180
aaaggctggc	catgctctgt	tcccagcagc	cgcgcagggt	tccccactgg	ctgcaatggc	240
cctacaaaa	gccatgttgc	atatacgtt	taagcagctg	ccctgtgccc	tgtccccatt	300
ccttatgccc	tatgaggcca	agctggtgtc	tctaggaggg	cccacacagg	caccctggat	360
ccccagaga	gtaaattgg	gtgctcaggc	cgcaggctga	ctcataggta	gggcagtggg	420
ctctgcagg						429

<210> 745  
 <211> 423  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(423)  
 <223> n = A,T,C or G

<400> 745						
cggtgtgtgc	gggctgoggc	cggtttggcc	cttctttgta	ggagagtttc	atccgccctg	60
aaatcttgcc	gatcgtaaat	aactcctcag	gtccctgcct	gcacagggat	ttttcttatt	120
ttgttgccca	aaagcacacc	aaatgtgaca	tcctttcacc	aatatagatt	acttcatacc	180
acattgtcaa	ggaaaggact	ataagaattt	tttgatgacc	caaaaaactg	ggggcaagaa	240
aaagtaaaat	ctggagcagc	atggacctgt	cagcaactaa	ggaacaaaag	taatgaagat	300
ttacacaaac	tttggtatgt	cttactgaaa	gaaagaaaca	tgcttctaac	cctagagcag	360
gaggccaagc	ggcagagatt	gccaatgcca	agtccagagc	ggtagataa	gtagtagat	420
tcn						423

<210> 746  
 <211> 252  
 <212> DNA  
 <213> Homo sapiens

<400> 746						
aaataaaaata	aaataaaaata	aaataaaaata	aagataaaatc	aggcagttca	gtaactgaat	60
tctccccatc	acaaaaagat	ttttcatttt	acaagtattc	atcaactaca	attgaactgt	120
aggaaaacac	tttaggtagt	gttttccctt	gggttatacc	tctttttcta	ggtaactttt	180
tactggctct	aagcatttgg	cacttcacaa	ataccatttt	atggtgttgg	gaaaactggc	240
ttaccgcatg	ca					252

<210> 747  
 <211> 391  
 <212> DNA  
 <213> Homo sapiens

<400> 747  
cttgtgtggt gcactgtgct cctgtcttta gggacccgtg aagacaaaact tcttccttca 60  
tgatagtcac ttccatgcgt ctgtgtccat actatctctg gttaaaacaa atcccaggta 120  
cattttaaaa cacggatggt ggtagatctt gcatggaatg gtgatctagt cacatatatt 180  
ttatatactc tggaaatgat gcaaaaattg gctacaagaa agcttatatc tctccttgta 240  
atcttctata acaattttta actaactttt tctacataca gcatgttggt tcctagatga 300  
ggcgatgaaa ttcttttatgc agcaagagtt ttccagtata tttcaaaaata ccttattgtg 360  
aatgtttttg aaatgtgtaa ttactatctg a 391

<210> 748  
<211> 391  
<212> DNA  
<213> Homo sapiens

<400> 748  
ctcaacacac ccagggttttt ttgttctctc tttctctctg gcctcaattc catgccttac 60  
tacttgattg ttgtatgcta ggattgaggg aatatgcatg caaatactag acaaagcact 120  
tgaggggaggc cttctccccc agtactgggtg gctgtgtaat agatgttctc aattaccaag 180  
tgcttaaaact gageccctatg tacttaggca gcctgttttag agttcttacc cacttgccaa 240  
tgacacttga ctgctgaatc caaatatgaa aaaaactata gatagattca aggacaaaaa 300  
ttatggatat gccactgaaa atgtatggta gagtaggccg ggcacagagg ctcatgcctg 360  
taatcccagc acttttggag gctgaggcgg g 391

<210> 749  
<211> 258  
<212> DNA  
<213> Homo sapiens

<400> 749  
ttagatgatg gatatctaga ggtgtattat atcattggct ctattttgta tgtttgaagt 60  
ttccatagta taaaacttag gaaagttaat ttaaacagac aaatacccca tcatgaaaat 120  
ggataatcaa aaggaactct tgataatgaa agaactaaaa gtggccagat gttttcaaat 180  
gcttagcttt actactaatt cttcaatggt agttttacaa acaaagatga tacctcttgc 240  
tgggcactgt ggctcact 258

<210> 750  
<211> 390  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(390)  
<223> n = A,T,C or G

<400> 750  
taataactat aattttattca gtaccttttt acataatgga ccttattctt aatgctttat 60  
gtacattaac ccacttgacc ctcatgacga attacctata gcttattatg cccatttttc 120  
agataaaaaat gaggttcctg aacatatata ttttgcacac atgtattttt aataatttca 180  
ggccaggcgt gatggctcat gcctgtaatc ccaacacttt gggaggccga ggcagatgga 240  
tcacttgagg tcaggagttc gagactagcc tggccagcat ggcgaaaccc tgtctactaa 300  
aaatacaaaa aaaaaattaa ccgggcatgg tgggtggcgc ctgtaatccc acctattcgg 360  
gaggctgagg cgggagaatc gcttataccn 390

<210> 751  
<211> 386

<212> DNA

<213> Homo sapiens

<400> 751

aataaataac	ttatgtatcg	tcggaggttt	ttactgcgga	gagagctgta	cgtaattggt	60
gcaccacaca	gatgctccct	ccaggactga	aggacttacc	cctccagctg	ctgggattat	120
agttggctga	cactctccag	cagctggcag	tttccaggaa	ctgcctgtgg	ctgaagagaa	180
ccaccttact	cagagttcta	ccctcctcct	aggggcagct	gcacccaatg	actggcctat	240
gtggaggtat	aaatccatct	tgccaatatt	catacttatt	tacataattt	acgatattca	300
tacttaaaga	ttctgtgccc	ttacccaact	caggataggc	taaaagaact	agcccagctt	360
ggccgggtgc	actggctcac	gcctgt				386

<210> 752

<211> 414

<212> DNA

<213> Homo sapiens

<400> 752

ggcgttggtg	tcgaaaccgt	tgagtttcta	aatattttatt	tattctaaca	aaaagcaatg	60
agtacggggg	gatgacacat	ttaatgaaca	caatttttatt	ttttttctgt	aactgtgctt	120
gttgaatgtc	aatcatattt	aaagggaatg	actttgaagt	aaaacctttt	ttcttgctac	180
tgaaaaaaat	ggagttgttt	tgggtggtaa	agtgttaagg	aatagggaca	gctggtcaca	240
caagggaactc	ttgaaggcca	catgtgaaaa	cctgtcactt	gcacagaggc	cagtcccact	300
aagggtgacca	gagtggtgtc	caagcacaaa	ctgccattgg	ctatagatgg	gactgtgtcc	360
cccaaaaatt	catgtgttgg	agccttaacc	ctcaatgtga	tggatattga	gatg	414

<210> 753

<211> 416

<212> DNA

<213> Homo sapiens

<400> 753

cgctgctgtc	gacttcgtga	aaattatttta	ggaggaagag	ccggaaggaa	aaccaagtga	60
tgcataaagt	tcggagagtt	cagatgatga	aaaagcctgg	gttgaagagg	tcaggaagca	120
acgcagactc	ctccagcagg	aggaaaaagt	gaagcggcag	gaacgactca	aggaggacca	180
gcagacagtc	ctaaagcccc	agtttttatga	gatcaaagca	ggagaagaat	ttagaagctt	240
caaagattct	gccacaaaagc	aaaaactgag	gaacaaaacc	cttgaagatc	gtttgaaaat	300
tgaagcaaaa	aatgggacat	tgagtgtatt	cgacaccaac	gttgggagca	aacaattgac	360
cttcacgtta	aagaggtctg	aaccgcacaa	taaagcatca	gggaggctgg	gaaact	416

<210> 754

<211> 388

<212> DNA

<213> Homo sapiens

<400> 754

tgcaatgttt	tgtagggccca	gaattatttcc	acacacataa	gtatgatattt	ccccaaccag	60
accacaagct	cttcaaggtt	aacaacaccc	tcgccaacc	ccctccccct	caaacaattc	120
ttctgtctct	ctagagcaga	ctttgatcta	aattggatct	aaattgactc	gaaatgtcag	180
gaaaaagaga	ttaatgcaca	aggtcccttt	ctctgagaga	aggtgtgata	gagcagagct	240
taagcctggg	tgggaaatga	aactgcccac	cactctctcc	accccgctt	ggtcttccga	300
gggtgacagg	tgggacgctg	aagagagctg	ccctcctggg	cccgccctcc	atgtgaacag	360
cctctcccca	aatcttccct	tggatctg				388

<210> 755

<211> 415

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(415)

<223> n = A,T,C or G

<400> 755

cgttgctgtc	gctccatttt	cgtctagcag	tggaagaaga	ctgaatatct	cgtataccag	60
aaacatgact	cttaaagatg	gtaaaaacaa	tgtagccata	gctgtaacgt	ataaccatga	120
tgggtcttat	agcatgcaga	ttgaagataa	aactttccaa	gtccttggtg	atctttacag	180
cgagggagac	tgcacttacc	tgaaatgttc	tgttaatgga	gttgctagta	aagcgaagct	240
gattatcctg	gaaaacacta	ttacctatt	ttccaaggaa	ggaagtattg	agattgacat	300
tccagtcctc	aaatacttat	cttctgtgag	ctcacaagaa	actcagggcg	gccccttagc	360
tcctatgact	ggaaccattg	aaaagggtgt	tgtcanagct	ggagacaaag	tgaaa	415

<210> 756

<211> 414

<212> DNA

<213> Homo sapiens

<400> 756

cccggaaacct	gggtctgagc	cctgctcagg	tttgtcccag	ccggctcagc	gcagctggct	60
gtgtgttgct	gtcctacag	ctcaatgcac	tggaccttct	cgtccagcct	ggatgcctct	120
atcatttctc	tttgtctttc	tctggcctcc	ataccgttct	gaagagctca	ccttctctta	180
gggttctcct	gcccgtctct	tcccaagtga	cccagccctc	acctgtaggg	cagccaaggc	240
tgggtggtgca	gctgccccca	gtgaagggtca	ttgggcatcg	cactgggcag	tgcagagggtc	300
caggctgagg	agttgagtgg	cgcgcccatc	ctggcgctcg	tgcagagaac	gggagggggg	360
cccctggctt	ggatcctaga	atcgggggaag	tctgagggcc	cccctgcagt	ctca	414

<210> 757

<211> 415

<212> DNA

<213> Homo sapiens

<400> 757

ggcacgagca	gccccaggcc	cccgtgctct	ctgccaggag	gtgccttgcc	acttggcatg	60
gccccagtca	cgggtggcac	atctgggggtg	aatgcacgtc	agtggaggca	gaatcattct	120
gtctgaatga	atggagtttc	caggccccca	ctggccctct	gtgtgagggt	ctgcagggtt	180
tggcaggaca	ggtctttctc	tccggcgaga	gcaccacccc	tgaccggctg	ctggatgagg	240
gcaccaaagc	tgcctaggga	gggctctgtc	cttatggagg	agctgcggaa	tccctgcagc	300
tgtgccccca	ggccttgect	tgcacacttt	ctgcagccag	ggcgcccctg	gggagggtcag	360
ggcaggccgg	ggaggctgag	ggccacctgg	catagtgggc	aggcggggga	gccgt	415

<210> 758

<211> 413

<212> DNA

<213> Homo sapiens

<400> 758

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gcaggcagct	cacacagggc	acagacccca	cgcacccccc	acagggcaca	gacccacgc	120
acccacacaa	gggcacagac	cccacacacc	ccacacaggg	caggcacctc	acacagggca	180
cagaccccat	gcacccaca	cagggcaggc	acccacacaa	gggcacagac	cccacacacc	240
ccacacaggg	caggcacccc	acacagggca	cagacccccc	gcaccccaaa	cagggcaggg	300
atcccacgca	gggcacagat	cccacgcagg	gcagggccag	cccaaggcca	agccccttcc	360
ctgtagatct	tctcccaggc	aggaccagag	ccacagtcac	tttcacacta	tct	413

<210> 759  
 <211> 418  
 <212> DNA  
 <213> Homo sapiens

<400> 759  
 cgttgctgtc ggtttcccgaggaaatgac aattacctga cgatcacagg gccttcgcag 60  
 cccttcctgt caggggccga gacattccat acaccaagct tgggtgatga ggaatttgaa 120  
 atcccaccta tctccttgga ttctgatccc tcattggctg tctcagatgt gggtggccac 180  
 tttgatgacc tggcagaccc ttctctttca caggatggca gtttttcagc ccagtatggg 240  
 gtccagacat tggacatgcc tgtgggcatg acccatggct tgatggagca gggcggcggg 300  
 ctctgagtg ggggcttgac catggacttg gaccactcta taggaactca gtatagtgcc 360  
 aaccacctg ttacaattga tgtaccaatg acagacatga catctggctt gatggggc 418

<210> 760  
 <211> 405  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(405)  
 <223> n = A,T,C or G

<400> 760  
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 tatgcatctc taacttatta aaattttttt ggttttggtt tttgtttttc tgagacggaa 120  
 tttcgctctt gttgcccagg ctggagtgca atggcgcaat cttggctcgc tgcaacctct 180  
 gtctcccagg ttcaagtgat tctcctgtct ctactaaaaa acaaaaaaaaa atcanctggg 240  
 tgtgtgtggc ggggcctgta gtctcaacta ctcgggaggt tgaggcagga gaattgcttg 300  
 aacctgggag gtggagattg cagtgaactg aaatcacgcc actgcactcg agcctgggca 360  
 actgagcgag actctgtctc aaaaaaaaaa ggccaggctt ggggg 405

<210> 761  
 <211> 378  
 <212> DNA  
 <213> Homo sapiens

<400> 761  
 tttggtattg ccgttattat tgttggttaa ctgactaaaa tcatacatgg aataatagaa 60  
 atcaggccta acatcagata gacttttcca ttcagttaag ttattgtgta gcaaaattta 120  
 ttttgtcagt tctactacaca atgtgacagt atatagtttc tctaataagag taacattaaa 180  
 gaggacatat aatataacca aaaatttgag ttccagataa gtttggtgtc tccactagcaa 240  
 gatgacgtta aataactcat ttaatttttt tgaaatctta attttctgtt ctgtaaaaaa 300  
 aaaagcaatc tgtctcttgt ccaaaagact atgtagggtt tttaaaaatt ttttattatg 360  
 tcatatacat gtgcatac 378

<210> 762  
 <211> 353  
 <212> DNA  
 <213> Homo sapiens

<400> 762  
 cgggaggctg aggcaggaga atcgcttgaa cctgggaggg agaggttgca gtgagccgag 60  
 attgcaccat tgtgtccag cctgggcgac aagagcaaaa ctcatctca tagaagaaaa 120  
 aacaaaaact ccagtttagc aaaaaaaaaa aaaaaagctc ccccgcccg gggggagggg 180

tttatggcta	aaatcccaaa	cctttgaaag	gttgggggaa	aaagatacct	ggaccccccg	240
ggtgggaaac	cgccgggcta	taatagggga	tacccgtttt	tttaaaaagt	taagaataag	300
gggggggggg	gggggggatac	cccttagaac	ccgagatttt	ggaaggcccg	ggg	353

<210> 763  
 <211> 405  
 <212> DNA  
 <213> Homo sapiens

<400> 763						
cgttgctgcc	gaatcgtgat	aaagacaaag	aacttttaaa	attaactcac	tacctcaagg	60
agatagcaaa	attagatgac	tttttggatc	taaatcacaa	atattgggaa	agatatctct	120
caaagaagca	aggacagtag	ttacaagtta	tactggcagt	tattgaagat	acttaagatc	180
caagaacttc	ttgcttttat	gctagaaatc	attatgatag	tgctggacac	tgaagcaaat	240
accatactgc	ttatacttgg	tcttccagtt	ttttgtaaat	ttaattttat	attttttgaa	300
gatgatagca	atatgctaaa	aaatgcttgt	ccccatatatg	aatattctgt	tacgcttgaa	360
aaatattttc	tccagcgttg	gttactgacc	acccaccct	cccac		405

<210> 764  
 <211> 409  
 <212> DNA  
 <213> Homo sapiens

<400> 764						
ggcacgagag	agtccttagg	tttatcatat	tatcaaggaa	aactgtgacc	caaagaagtt	60
taggaatcac	atacagtgt	gctggctttt	tgtgcttggc	aaatgagtga	caatagaaga	120
aataattttt	cttacacatt	ttaaaacgat	ttctcttcct	tgtgattgaa	gatgaaagga	180
gtaagaaatt	aaggcatttg	tttaatttat	actggcaact	tatttagggg	ggaggggaca	240
tgaaggtagg	taaaataggta	ggcctctaata	tgaaccacct	ctctaagata	tgtacgtata	300
tataagctga	tattgtgttt	gacattctga	agggtttctt	tttctttttc	cttttttttt	360
tttttggggg	ggggccgggg	gctaaaaact	tttttttttg	acccccggc		409

<210> 765  
 <211> 381  
 <212> DNA  
 <213> Homo sapiens

<400> 765						
atcattcttt	gaaaactgac	aggaaagata	caacttagaa	aacattgtgg	atgaatactt	60
cccccttttg	caaatagat	tttgggaagca	caaaagaaaa	agctctaata	caaataattca	120
taatgaaaat	atgaacttaa	taataaccaat	ggcaagacag	aataattagg	agaaatcggg	180
taacgagcat	ctctcctatt	tttagtttgt	aagccttttt	tgcttttttt	tttttttttt	240
ttgaaaaaaa	agtttatatt	tttgccccag	aaggccaggg	aattaatttg	gcttaatggg	300
agcctcacc	tccgggggta	aaacattttt	ctggctaaaa	cttccaagat	atttggaat	360
agggggcctc	ccccccccc	g				381

<210> 766  
 <211> 405  
 <212> DNA  
 <213> Homo sapiens

<400> 766						
cgttgctgtc	ggccccggca	gccgatgagt	gtgactaccg	ggatgaacag	acatgcgccc	60
accagatgat	tgtttaaccg	ggagtattat	aatactgttg	aaagagaacg	ccttgagag	120
ctgctgacag	ctatattaat	tgaatgaggc	tggaaggatc	acgtgaaggc	actctgtaaa	180
gataatgatt	ataaatgata	tgattcgggt	tttgcttttg	cataagaggc	tgttagagag	240
ataggactat	aacacgttac	tgttggtgac	ttggtggctg	aaatcactcc	aaaaggcaga	300



gccttggtac ctgacagtgt aaagaaggag ctccatacaa gaatatgaac attccttgct 360  
cagcatgcca gcctttaaga ttgaattaga ttgggttggt gtggg 405

<210> 767  
<211> 381  
<212> DNA  
<213> Homo sapiens

<400> 767  
gcattttgat gtgtagaatc aggggatcca ggatcatcac caaggtcatt ttcccagaca 60  
gatgtgctga ggctgtagaa agtgcttttt atttggttgg gagcttgtgc ataaatgcga 120  
gaggggctgc acatctgacg gactagaggt gactcatggc tgaaccggaa caggacatcg 180  
gggagaagcc agcagagctt gtgttttaaag tcagaattca gaaccccaaa gaaaatgact 240  
tcattgaaat tgaactgaag agacaagaac tgagttacca aaacctacta aacgtgagtt 300  
gctgtgaact ggggattaaa ccagaacgag tggagaagat cagaaagcta ccaaacacac 360  
tgctcagaaa ggacaaagac a 381

<210> 768  
<211> 406  
<212> DNA  
<213> Homo sapiens

<400> 768  
cggttgctgtc ggatggctcc ccctatgaaa gttgtccagt gagcagggtc aagggtttatg 60  
tttggggtagc ggacatgagt gcaggagcct tactctcctg tgtgttgtca gggatggata 120  
aaggggatga agttggaggg gtttagtgaa tgggtgggac agcaaatttc agagaagagc 180  
atttggaat aattttctca aatataatatt tttaaaatcc atatttgatt tttttccctc 240  
agggattccc aagcatagta gagctaaaat gaattaattt gggtaaaagt aaagttaagg 300  
ctaagttagg aaacactttt aaaaacagga acctgctgcg tgcggtggct cctgccttgt 360  
gggccagca ctttgggagg caaaggcggg tggatcacct gagatg 406

<210> 769  
<211> 388  
<212> DNA  
<213> Homo sapiens

<400> 769  
agggtactgt ttcttccttt ccaaaggcca caggagagacc ttgtaatctg ctttccagag 60  
cctttgggaa agtgggtcaac accctgcctt cttaggaaga gccagagaa acagagggct 120  
atcccggggg ttttggttat ctgcccttgt ggagttggca gacgtgggct tctgtcttcc 180  
ctgctatggc ctcagagctt tagatcctgc tggtttaggg aatttgaatc tttcctgtta 240  
gggaaaaatg agtgcttact gtgctttgta gaaatattt cagaattcat tttctttaaa 300  
ttattttcat tgtctttaaa ttatatctaa acaagtatac catagctttc ctgagaggga 360  
aaacaatcta tccaacacat tgtgcact 388

<210> 770  
<211> 382  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(382)  
<223> n = A,T,C or G

<400> 770  
cctactaggt caagtgagta ccaaggacag cgtggcaggt gaccatacag acgctgaat 60

aacaggaggc	atgctgcatt	gaggcctacc	tttgaaaaaa	gataccacga	tgctttaaca	120
accgtgggta	atagtgttca	tgcttttggt	aattgtactc	atgaagtagt	aataaagggt	180
aatattctcc	attggcatta	tcaaataatta	aagtactggc	caggcgtggg	agctcatgcc	240
tgtattgcc	gcaatttggg	aggctgaggc	agggtgatca	ctagagggtta	ggagttcgag	300
accagcctgg	ccaacatggg	gaaaccccg	ctccattaaa	aatacaaaaa	aattaccgag	360
atgtggccag	gcacggtggc	tn				382

<210> 771  
 <211> 411  
 <212> DNA  
 <213> Homo sapiens

<400> 771						
cgttgctgtc	gggctgggtct	tgaactcctg	acctcaggtg	atctgcccgc	ctcagcctcc	60
cacagtgcctg	ggattacagg	gatgagccac	cacgcccggc	ccattttttt	ttttgacaac	120
tttttttttt	ggaaaagggg	tttggtccct	tggccaaaat	gggagggcgg	ggggtaaata	180
aaacttaatg	gggccagaa	ttcttttggc	ctaaccccc	aaggagttgg	aaacaacggg	240
gggaccctt	aggccgggca	agtttttcat	tttttgaaa	aaaaaggggt	tttttttttt	300
taaaaaggag	tttccttttg	gccccaaaag	gggagggggg	agaccggggc	caacctaata	360
gggagccccc	cccccaaggg	atacccata	tttgggcgca	aaaattaggg	g	411

<210> 772  
 <211> 410  
 <212> DNA  
 <213> Homo sapiens

<400> 772						
cgttgctgtc	gcacagccca	gccccctcca	gagccctgcc	ccaccgcacc	ctgcttctcc	60
agggcctagc	agaccagcat	ctgccccggg	gaagggatgg	atcagctgtg	ggggtgggtg	120
cagaagggtt	ccacctccta	cctcagcggg	agtcacctag	gaaagatgga	gggattgaca	180
ctattttctc	aataaaatgg	gacttttttt	tttttggggg	gaaacttcct	gttcccaatt	240
gcataaaaaa	cccttttttg	gcccgaaggt	cccaaaaatt	tttaaaaacc	ccatttggtc	300
cttttttttg	gttggggggg	gccccaggcc	ttctggaagg	gatttaaacc	gggctgacgg	360
cttgaattaa	agggggggatg	ggaatcccgg	aacaaaaaaa	ccgggaaccg		410

<210> 773  
 <211> 383  
 <212> DNA  
 <213> Homo sapiens

<400> 773						
ccgccctgcg	cccgggtccc	gcctttccct	gcccctctggc	cggctcctct	cccgcggccg	60
tcccgggacc	tgtgccca	cccctggggc	cacgatcacg	ccccagccgc	ccaagtcacc	120
gccccctccc	tcccttcag	cgttcccgc	cgggcgggtg	atggtggctc	cgggtgatgg	180
cggttctcgc	acgcacagcc	gcaggggttt	cctctcctag	actcgaggcg	gaggcgacc	240
tgcacctct	aaaactcccc	cgtcggccct	cgcggactat	cgggaggcgc	ggagggccga	300
gctgacgtgc	gtgcgagcgg	gcgccatgaa	agcgcggagc	cgtcctaggg	ctaagccttt	360
ctttaacagg	gggaggccca	cga				383

<210> 774  
 <211> 410  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(410)

<223> n = A,T,C or G

<400> 774

cggttgcgtgc	gcaggaagtc	attagcagag	tgattttccag	aaggcgtaga	atttagtgac	60
caaggttctt	tccttttttg	gaggagaaag	tgaaaactag	gatgctcagc	tggaaccacc	120
agcctgagat	tctggggatt	ttagagctgt	cccttgggga	gccaagcact	tgggggtgga	180
ggtgatagcg	aggctgatgg	cccctgtgtt	ctcagctctc	tgcttgggta	gcccctgggt	240
gatgggggag	aggccagctg	tcacgtgggg	tatcaggtgg	ctctgccaga	aactcccttg	300
gcacacagag	cactgggtcg	gccctcggtg	gtggctgttt	gggcaggaca	gccctctgta	360
tgtagccttg	agcaggttaag	ggggccacct	tgagtgggtg	gnccagaaan		410

<210> 775

<211> 409

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(409)

<223> n = A,T,C or G

<400> 775

cccatcgatt	cgaattccgt	tgctgtcggg	gggatcttgc	aaaatgccga	tttctggcaa	60
ggcatcaggt	gatggtgaag	aaagttttga	gtaccaagag	gtagagtagt	ggttcttaga	120
ctttaaaagc	tggacacccc	caccagtgtc	tttgattcac	ctcaactggg	ggggcctgca	180
gatttcattt	taaacagggt	cctaggtgat	gctaatacac	atgaagggca	gggtgtgttc	240
tgagagccac	tgtggtggag	tagaaacaac	cgaggagaat	caagcccatc	catctcatcc	300
tggtctcttg	agcattatct	cttttttctt	tgnttttgat	ttgagacagg	ggttcactct	360
gtcactcagg	ctagagtgcg	atggcatgat	cctggctcac	tgcagtctn		409

<210> 776

<211> 408

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(408)

<223> n = A,T,C or G

<400> 776

ggcacgaggt	tgactgcaga	gtgaaacatc	cttgcaatct	cttcccacct	ccttcacgac	60
actgagttgc	catgtgaggt	tcttcaagtc	tgagagtggg	agggatccct	atggagactc	120
ctattaaacc	cctattagag	gaagagattg	agagacctag	caatgtgaag	taacaaagat	180
caggcagctg	caagtgactc	ctgaatcttg	agtccagggc	tttcgccact	acagtacagt	240
ggttttcttt	tctttgggtc	gggagagtgg	gctggaatgg	agagtgaggc	ccacaaatta	300
cctgcagaga	cgtggaggcg	tgaggagagaa	catgcttggt	aaatatgcag	gtagattagg	360
agacacccaa	cagagattca	gacacagtaa	ggctgggatg	agatcctn		408

<210> 777

<211> 408

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(408)

<223> n = A,T,C or G

<400> 777

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agggaatcag	agacagctcc	gtccctagt	gagcgcagg	gaggcagaag	tcatgacagg	120
cgaggtgggt	tctgaggttc	acctagaaat	caatgaccca	aacgtcattt	cacaagagga	180
agcagatagt	ccttcagata	gtggacagg	cagctatgaa	acaattggac	ccttgagtga	240
aggagattca	gatgaagaga	tatttgtaag	taagaagttg	aaaaacagga	aggttctaca	300
agacagtgat	tccgaaacag	aggacacaaa	tgctctcca	gagaaaacta	cctatgacag	360
tgccgaggag	gaaaataaag	agaatttata	tgctgggaaa	aatacaan		408

<210> 778

<211> 405

<212> DNA

<213> Homo sapiens

<400> 778

cggttgctgtc	ggctctgagg	ggctccttgc	cagggctgtg	gtccaggcgg	cctcggcccc	60
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cagccaccgg	atctgtctcc	gggtgcacct	agctcagccc	ttttccctgc	aggaatacat	180
cgtcagtgcc	agaagctgct	ggggcggcag	acagacctg	gagcagctac	tgcagcccat	240
cgtgctgggc	caatgtactg	ctgtcccaga	cactgagaag	gagcaggagt	ggaccccat	300
aactggcct	ctcctggccc	tcaaggaaga	ggaccagctc	ctggtcagga	gactgagctg	360
tcatgtcctg	agtgccagt	tagggagctc	tgcggtgatg	agcac		405

<210> 779

<211> 406

<212> DNA

<213> Homo sapiens

<400> 779

ggcacgagag	caccggcggt	tgcatttttg	gccagtcgcc	tttgcccgcg	ccccccgggt	60
gccccatcac	tggctctctac	aacaagagtc	cctactactg	cgggacttgt	ggccgctggg	120
tccgcgccat	ggcgggcttg	cgactgcatc	agcgggtcca	tgcccgagct	cggactttga	180
cgctacagcc	tcccagatca	ccatctctg	ccccaccccc	acctccagag	cctcaacaga	240
ctatcatgtg	cacagagctg	ggggagacca	tcgccatcat	tgagacatcc	cagccactgg	300
cgcttgagga	caccctgcag	ctgtgccagg	ctgcacttgg	ggccagtga	gcaggcgggc	360
tcttgagat	ggacacggcc	ttcgtgtgac	gccaaactaaa	agcaac		406

<210> 780

<211> 411

<212> DNA

<213> Homo sapiens

<400> 780

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ctgcctgacc	tggactgcg	gctgggggtg	catgttactc	agcggccaga	tgatgctggc	180
acagggcctt	ctgctgcatt	tctgccccat	agactggaca	tggtccgagg	gcatggteet	240
gggccccct	gagctgtcag	ggtcagcctc	tcccagccgt	gaccatgggc	ctgcccgcgtg	300
gatgccccca	cgtggggccc	agggtgcccc	tgagctggag	cacgaacgcc	ggcaccggca	360
gattgtgtcc	tggatcggcg	accacacacg	ggccaccttt	ggcctactcc	c	411

<210> 781

<211> 407

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(407)  
 <223> n = A,T,C or G

<400> 781  
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 cctacaaaat cagttcagca gatttggaga agtttcggat gtggagatca tcacacggaa 180  
 agatgaccaa ggaaaccac agaaagtttt tgcatatata aacatcagtg tagcagaagc 240  
 ggacctgaaa aaatgtatgt ctgtttttaa taaaacaaaa tggaaagggtg gaacattaca 300  
 aattcaacta gcaaaagaaa gctttctgca cagattggcc caagagagag aagcagcaaa 360  
 agctaagaaa gaagaatcaa caacaggtaa cgccacactc gttagan 407

<210> 782  
 <211> 405  
 <212> DNA  
 <213> Homo sapiens

<400> 782  
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 agaatcgaga gttacgaggt acacagaggg ctataatcag agatcgagca gcttttagaga 120  
 aacaagaaaa acagctggaa ttagaaatta agaaaatggc caagattggg aataaggaag 180  
 cttgcaaagt tttagccaaa caacttgtgc atctacggaa acagaagacg agaacttttg 240  
 ctgtaagttc aaaagtact tctatgtcta cacaacaaa agtgatgaat tcccaaatga 300  
 agatggctgg agcaatgtct accacagcaa aaacaatgca ggcagttaac aagaagatgg 360  
 atccacaaaa gacattacaa acaatgcaga atttccagaa ggaaa 405

<210> 783  
 <211> 406  
 <212> DNA  
 <213> Homo sapiens

<400> 783  
 cgttgctgtc ggggctgcag cggcgctgtc tttatttgaa cgacgtgaaa attacttttc 60  
 ccactgaaac acaccaagt atatgccag ccttcatgaa agtgaacaga gaaacgaagc 120  
 gcctttatgt ggggtggcctt agccaggaca tttctgaggc agacctaca aatcagttca 180  
 gcagatttgg agaagtttgc gatgtggaga tcatcacacg gaaagatgac caaggaaacc 240  
 cacagaaagt ttttgcata atcaacatca gtgtagcaga agcggacctg aaaaaatgta 300  
 tgtctgtttt aaataaaaaca aaatggaaag gtggaacatt acaaattcaa ctagcaaaag 360  
 aaagctttct gcacagattg gcccaagaga gagaagcagc aaaagg 406

<210> 784  
 <211> 408  
 <212> DNA  
 <213> Homo sapiens

<400> 784  
 cgttgctgtc gaaacttgct gtagaagaaa ccaaagggga acttctgttg caactatgtc 60  
 gtttgaaga tgctgcagat gtttatagag gattgcaaga gagaaatcct gaaaactggg 120  
 cctattacaa aggcttggaa aaagcactca agccagctaa tatgttagaa cggtcaaaaa 180  
 tttatgagga agcctggact aaatatccca ggggactggg gccagaagg ctgccgttaa 240  
 actttttatc tgggtgagaag tttaaagaat gtttggataa gttcctaagg atgaatttca 300  
 gcaagggttg cccaccagtc ttcaatactt taagatcatt atacaaagac aaagaaaagg 360  
 tggcaatcat agaagagtta gtagtaggtt atgaaacctc tctaaaag 408

<210> 785  
 <211> 408  
 <212> DNA  
 <213> Homo sapiens

<400> 785  
 cggttgctgtc ggaaaagcag atttgtgata aacttgctgt agaagaaacc aaaggggaac 60  
 ttctgttgca actatgtcgt ttggaagatg ctgcagatgt ttatagagga ttgcaagaga 120  
 gaaatcctga aaactgggcc tattacaaag gcttggaaaa agcactcaag ccagctaata 180  
 tgtagaacg gctaaaaatt tatgaggaag cctggactaa atatcccagg ggactggtgc 240  
 caagaaggct gccgttaaac tttttatctg gtgagaagt taaagaatgt ttggataagt 300  
 tcctaaggat gaatttcagc aagggttgcc caccagtctt caatacttta agatcattat 360  
 acaaagacaa agaaaagggtg gcaatcatag aagagttagt agtaggtt 408

<210> 786  
 <211> 409  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(409)  
 <223> n = A,T,C or G

<400> 786  
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 agccgcccaa agaactggtc aatgagtggc cattgaagat aagaaaggaa atgagagttg 180  
 ttgacaggca aataagggat atccaaagag aagaagaaaa agtgaaacga tctgtgaaag 240  
 atgctgccaa gaagggccag aaggatgtct gcatagttct ggccaaggag atgatcaggt 300  
 caaggaaggc tgtgagcaag ctgtatgcat ccaaagcaca catgaactca gtgctcatgg 360  
 ggatgaagaa ccagctcgcg ggcttgcgag tggtctggttc cctgcagan 409

<210> 787  
 <211> 410  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(410)  
 <223> n = A,T,C or G

<400> 787  
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 aagccgcccc aagaactggc caatgagtgg tcattgaaga taagaaaggaa aatgagagtt 180  
 gttgacaggc aaataaggga tatccaaaga gaagaagaaa aagtgaaacg atctgtgaaa 240  
 gatgctgcca agaaggcca gaaggatgtc tgcatagttc tggccaagga gatgatcagg 300  
 tcaaggaagg ctgtgagcaa gctgtatgca tccaaagcac acatgaactc agtgctcatg 360  
 gggatgaaga accagctcgc ggtcttgcca gtggctggtt ccctgcagan 410

<210> 788  
 <211> 410  
 <212> DNA  
 <213> Homo sapiens

<400> 788  
cccatcgatt cgaattccgt tgctgtcgag attagtgccca ttggaagggg catatgtgtg 60  
ttgctgggta tttccctgga ggatacgagc aaggaactgg aacacatggg ccgaaagatt 120  
ctaaacctgc gtgtatttga ggatgagagt ggggaagcact ggtcgaagag tgtgatggac 180  
aaacagtacg agattctgtg tgtcagccag tttaccctcc agtgtgtcct gaagggaaac 240  
aagcctgatt tccacctagc aatgccacg gagcaggcag agggcttcta caacagcttc 300  
ctggagcagc tgcgtaaaac atacaggccg gagcttatca aagatggcaa gtttggggcc 360  
tacatgcagg tgcacattca gaatgatggg cctgtgacca tagagctgga 410

<210> 789  
<211> 406  
<212> DNA  
<213> Homo sapiens

<400> 789  
ctaggacgtc gctgctcttc agcacgaaga agaggaattt cttgttgaag tcgcagagct 60  
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aggtctggag caggggggttg gacagcagcc gggctatacc cttgaggatg aactggaagt 180  
cctcctcagc atggatgcgg gacaggtagt tcacaaacag gttctcaggg cctggaggat 240  
cagcatcatc catggcggtg ccagtgggtg tgccgtccac agtggggctg gcaactgctgg 300  
cactgtcgtg gtccaaagtg acaatgagca cctgggcagc ctccctccacc aggggttccc 360  
ggtagtcaga gaagagcagg tggttgtagg ggatcccgtg gcccat 406

<210> 790  
<211> 409  
<212> DNA  
<213> Homo sapiens

<400> 790  
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ttggcgagc agagcgctcg cacacagcac ttgcgggacc tacaggatcat cgccgcctac 120  
cgggaaacgca cgaaggccga gagcatcgcc agcctgctga gcctggccat caccacggag 180  
cacacgctcc acgccacgct ggggggtcgcc gagttctttg agtttgtgct taagaacccc 240  
cacaacacac agcacacggt gactgtggag atcgacaacc ccgagctcag cgtcatcgtg 300  
gacagtcagg agtggaggga cttcaagggt gctgtcggcc tgcacacacc ggtggaggag 360  
gacatgttcc acctgcgtgg cagcctggcc cccagctctt acctgcgcc 409

<210> 791  
<211> 412  
<212> DNA  
<213> Homo sapiens

<400> 791  
ggcacgagcc tgggcattta taccttcacg aagcgggtag ccttggagga gatggagaat 60  
aagccccgga aacagcaggg ctacagcacc gtgtcccact tcaacattgt gcactacgac 120  
tgccatctgg ctgccgtcag gttggctcga ggccgggaag agtgggagag tgccgccttg 180  
cacaatgcca acaccaagtg caacgggctc cttccggtct ggggacctca tgtccctgaa 240  
tcagcttttg ccacttgctt ggcaagacac aacacttacc tccaggaatg tacaggccaa 300  
cgggagccca cgtatcagct caacatccat gacatcaaac tgctcttcct gcgcttcgcc 360  
atggagcagt cgctcatcgc atacactggc ggtggcgggc gggagagcaa ca 412

<210> 792  
<211> 369  
<212> DNA  
<213> Homo sapiens

<400> 792

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atggtgcaga	tctgcgaggc	acacatgacc	cgcagtgtcc	ccaggtgacg	cctcattagg	120
aagtgggaga	tacatacagg	ttagcaaacc	tgggcctgca	ggcatgtgcc	ttttccgtgt	180
gtcctgtgag	tgaagaatgg	ttttacatta	ttttttatct	tagttttttg	agacaaggct	240
tactccatc	gcccaggctg	gggtgcagtg	gcatgatctc	ggctcactag	agtctctgcc	300
tcttggtccc	aagtgatcct	cccgccttag	cctccctagt	agctggcact	acaggtgcgt	360
gccaccatg						369

<210> 793

<211> 404

<212> DNA

<213> Homo sapiens

<400> 793

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tcacgccatt	ctcctgcctc	agcctcccaa	gtagctggga	ctacaggcgc	ccgccactac	120
gcccggctaa	ttttttgtat	tttttagtaga	gacgggggtt	caccgtttta	gccgggatgg	180
tctcgatctc	ctgacctcgt	gatccgcccc	cctcggcctc	ccaaagtgt	gggattacag	240
gcgtattcat	gaacttttac	atgaatgagt	aaggacattg	aaagatgcat	gagatgatgc	300
atacatcttt	gtggttgact	tatcattgca	tgatgcatga	cgtacatgtt	cagagtaata	360
ttcttctgca	ttatagttag	agaaaaatct	tggattttag	taat		404

<210> 794

<211> 401

<212> DNA

<213> Homo sapiens

<400> 794

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tgttcctgtg	aaagcatttc	ctgcttttct	tcagacgggt	tctctagagg	acttttctaaa	120
gaaaattcag	cgagtggatt	ttgatataat	ccaccatct	ttacagcaga	agaatacatt	180
acttccatta	tatttggata	ttcagtcag	gagaaaaaca	tattaaaata	atttcatggc	240
cctgatgtta	attctagtct	attagtttta	taaaagctag	gattcttatt	taggaacacc	300
agaaatgact	ggtacgaaaa	aatgaattta	ttgatgggaa	ggcacgagct	cacaaattga	360
taacttgcgc	ggactaggtg	ccaaacgggt	aaatctggcc	a		401

<210> 795

<211> 402

<212> DNA

<213> Homo sapiens

<400> 795

cgttgctgtc	gcagaagatc	atgtgagccc	aggagttaca	gactgcagtg	agctatgatt	60
gcactgatgc	actccagcat	gggcaagagc	aagacottgt	ttctaaaaaa	taggtagtgg	120
tatattcata	ttctggaata	gtgtaaaaaa	tgaaaaactg	aagataaata	tatgaagaca	180
agtcctcaaa	atacttctga	atgaaaaaaa	ttgcaaacat	gaatctcaaa	aacatgctga	240
gtgggccggg	catggttagct	catgccggta	atcccagcac	ttagggaggc	cgagttgggc	300
agataacact	tgaggtcagg	agttcgagac	cagaccagcc	aacatggtga	aacccaatct	360
ctactaaaaa	tacaagaaaa	aaatcctaac	tactcgggac	gg		402

<210> 796

<211> 372

<212> DNA

<213> Homo sapiens

<400> 796

ttcaccatgt	tgaccaggct	ggtctcaaac	tcttgacctc	aggtgatcca	cccttctcgg	60
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ccttcacagag	tgctgggatt	acaggagtgga	gccaatatgc	ccatcttgctc	ttttctttat	120
aaaccaccca	gcctcaggta	tttctttata	gcaacgcaag	aacagactaa	cacacttccc	180
ttccaggatc	tttcagagca	cgtcaagccc	ctgttataga	ttcttgagct	cccacatttc	240
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gcggtggctc	ac					372

<210> 797  
 <211> 372  
 <212> DNA  
 <213> Homo sapiens

<400> 797						
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atgctcctta	caaggcgaag	ctgtgtgaac	cgtgagcgtg	agctctgggc	caggctccat	180
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gggcttgggg	ga					372

<210> 798  
 <211> 350  
 <212> DNA  
 <213> Homo sapiens

<400> 798						
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cctcccaaag	tgctgggggt	acagggtgta	gccaccgtg	cccggcctct	tttttttttc	180
gtacaatggc	ccattctgtt	gccccggacg	acattcgatg	ccctgtttta	cagttctttg	240
cctccacttt	ctgctagtgt	tttgtttttg	tcagcctccc	ccctgcccga	gagaatataa	300
tatagtttgt	tccgcacccg	cgaaccata	actccctttt	atttggttgc		350

<210> 799  
 <211> 402  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(402)  
 <223> n = A,T,C or G

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ccacaaataa	acaaaaaagc	ccttgctttc	aaagggtgga	aaattgctgc	tttgagggct	180
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tgcccccttg	aggggggtct	cactttgtct	ctggcatcta	acatggggcc	tggggcatag	300
ggagcatgca	ataaatatct	ggcaggggag	gggatggata	aatggatagg	ggaatgtagg	360
gggacagggg	actgggggga	tgttgnggcc	tctgaaaaac	cc		402

<210> 800  
 <211> 236  
 <212> DNA  
 <213> Homo sapiens

<400> 800  
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 aaaaaacctt ttggggggtt ggcgaccccc cctctttagg ggcggggaaa aaagggtttt 120  
 tttttgtgaa ttttgagcct cttcttcttt tttgtgcccc cttacgtggt ggcgataagg 180  
 atctgtgtct ccaccggggc gtgcttcttt tattgcgttg ctctttgcgt gtgcct 236

<210> 801  
 <211> 131  
 <212> DNA  
 <213> Homo sapiens

<400> 801  
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 accgtactt t 131

<210> 802  
 <211> 398  
 <212> DNA  
 <213> Homo sapiens

<400> 802  
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 attacaggca atattccttc atctggatgt tctgtgaaga tagccatggt tatgggggtc 180  
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 ttggtagtag ggaaggagg atagcaggaa gtttgaaaaa ttatcagccc cggggcctaa 300  
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 aacgtatctt ggtttacgta attgaagtct tacagaag 398

<210> 803  
 <211> 370  
 <212> DNA  
 <213> Homo sapiens

<400> 803  
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 agtgggtcca tgcacagtc ccctgctgca gggaggccag ctccctctgg cctcgtggag 120  
 taacggtggt gcttagccca taccctcctg gacaagtgt ttgggtcttc cctttaccgg 180  
 taaagtgttg caaacgtagt ctatcgagtt gtgtctatt catctgttct gtttacgaaa 240  
 ctgtaacttc atataggact gccttagggc tgaagtaaat aaactgtcaa cctaactaaa 300  
 acataaaaaca ggccggggcgc gggggctcac gcctgtaatc ccacccttg ggaggacgag 360  
 gcggtccaac 370

<210> 804  
 <211> 374  
 <212> DNA  
 <213> Homo sapiens

<400> 804  
 atgaaactct ggatgaataa gagaacagaa aatgcctgat aaattcagat tttcaaagga 60  
 catgtacagc ttttttagtca aagaggcaca gtttattcaa gtaaataaaa cttatattct 120  
 caggataact aagattttatt tagttagact gagcattcca aattatttat tccacttatg 180  
 ttaattcaca cagggaagac tgaggctcag ggggtgctaga tgactgggta agctttotca 240  
 gtgacacagc catgacgaca gccaaagttt tctaattttt ggtccaggcc tctctctaac 300  
 acatcagtga cttctaaaca atcatttgag aattccgagg tgatccttgg tgcaccccat 360

tcctcaccat ccaa

374

<210> 805

<211> 370

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(370)

<223> n = A,T,C or G

<400> 805

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atagaaccct	cctttccttg	ttcccactct	tgtttctttt	gaacatgggt	tacctccctt	120
cgggtctttt	ggaacagaag	gggatcataa	gctcttgagt	ctctgttttc	tgctgtcatc	180
tactcttcct	gcctctggca	cctcccagct	cctgacttcc	tcctgcttcc	ccctggagcc	240
agagacgtgg	ctgggaagag	cccctggcct	ttgaagccag	tggtggtggt	gaccaggggc	300
aacaggccac	tgtgctcctg	gatgcgtggt	ctgccaggtc	tctctcccat	cgcccttttg	360
gcctncgggn						370

<210> 806

<211> 373

<212> DNA

<213> Homo sapiens

<400> 806

aagaagctag	taatagtcta	gcttccactg	ctatctgccc	gagcttcagc	gattccaccc	60
cctcaggggc	cacacctccc	tgcaggctcc	atttctggga	aaagccggca	atctatgtct	120
tttggaaata	ctccctgagc	tcccaaaatg	ggtttggaag	gagctatata	tagctttcta	180
tacattggtc	tctatcatct	tataggataa	taaaggagat	aattcatgca	cacaaataac	240
tatatgtaat	gttacattta	gggaaataca	ataatttcac	tgtccttgcc	ttaggatttc	300
catttaagta	ggcagagatc	cctgggggaca	ggaataatct	gggttcacaa	aagggtgaca	360
cctggccggg	ggg					373

<210> 807

<211> 374

<212> DNA

<213> Homo sapiens

<400> 807

tgcaatgttt	tgtagggcca	gaattatttc	acacacataa	gtatgatttt	ccccaaccag	60
accacaagct	cttcaagggt	aacaacaccc	tcgcccacc	ccctccccct	caaacaattc	120
ttctgctctc	ctagagcaga	ctttgatcta	aattggatct	aaattgactc	gaaatgtcag	180
gaaaaagaga	ttaatgcaca	aggtcccttt	ctctgagaga	aggtgtgata	gagcagagct	240
taagcctggg	tgggaaatga	aactgcccac	cactctctcc	accccgccct	ggtcttccga	300
gggtgacagg	tgggacgctg	aagagagctg	ccctcctggt	cccggcctcc	atgtgaacag	360
cctcctccca	aatc					374

<210> 808

<211> 370

<212> DNA

<213> Homo sapiens

<400> 808

ctggggccac	tgcaaacagc	aaaatcacca	aaaagagcac	aaaaacgcaa	accccagggc	60
tctcgctaga	cagtaatgag	ggcgtggtcc	acctaggagg	ggaaacgggg	aggcggagcg	120

tggcctgggc	tcagggaacg	cacgtccatg	actctaattt	cttgtctctc	tctgcgtgtc	180
caaggataag	agggaaagta	ccccaggcat	tgattttggg	ttcacaaata	cacacctagc	240
cggcgaattc	gcaaatacgg	actccgtgaa	tgacaaaggg	gactacagta	caaaccacgc	300
ctgtccctcg	cgccccctag	gtgctgaggg	cctggccgtg	gcaggaagga	aaaggaccgc	360
tcagaccctt						370

<210> 809  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 809						
cgttgctgtc	ggggagatgg	agctgtttta	ctcagtgtgt	gagtgtgtgt	gcgcgtgcat	60
gtgtgtgtgt	gtgtgtgtgt	gtgtgtgtgt	gtctgtctgt	ctgtctctct	cctcctggac	120
ccagggcacc	caagggcagg	gataggcgca	gtggtcatat	gaagcagcgc	cagagagggg	180
acctcccagc	tcttatttgc	acctcccca	cctcaccaac	tttggctcct	ctctgggggc	240
atgaatggtt	aacacacacc	agagcagtac	tccaatattg	gagagtctct	gggggcacag	300
ggctttgaat	caggggagta	tctgtccttc	cctcccttga	ccccacatgg	tctcagggcc	360
cccttagggc	cccctaccca	ctgatagctt	tctcct			396

<210> 810  
 <211> 404  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(404)  
 <223> n = A,T,C or G

<400> 810						
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aaacatgact	cttaaagatg	gtaaaaacaa	tgtagccata	gctgtaacgt	ataaccatga	120
tgggtcttat	agcatgcaga	ttgaagataa	aactttccaa	gtccttggtg	atctttacag	180
cgagggagac	tgcacttacc	tgaaatgttc	tgttaatgga	gttgctagta	aagcgaagct	240
gattatcctg	gaaaacacta	tttacctatt	ttccaaggaa	ggaagtattg	agattgacat	300
tccagtcctc	aaatacttat	cttctgtgag	ctcacaagaa	actcagggcg	gccccttagc	360
tcctatgact	ggaaccattg	aaaagggtgt	tgtcanagct	ggag		404

<210> 811  
 <211> 401  
 <212> DNA  
 <213> Homo sapiens

<400> 811						
cgttgctgtc	ggaccgacac	tttactctt	caggcacatg	atcaattctc	tccattttcg	60
tctagcagtg	gaagaagact	gaatatctcg	tataaccagaa	acatgactct	taaagatggg	120
aaaaacaatg	tagccatagc	tgtaacgtat	aaccatgatg	ggctcttatag	catgcagatt	180
gaagataaaa	ctttccaagt	ccttggtaat	ctttacacgc	agggagactg	cacttacctg	240
aatgttctg	ttaatggagt	tgctagttaa	gcgaagctga	ttatcctgga	aaacactatt	300
tacctatttt	ccaaggaagg	aagtattgag	attgacattc	cagtcccca	atacttatct	360
tctgtgagct	cacaagaaac	tcagggcgcc	cccttagctc	c		401

<210> 812  
 <211> 372  
 <212> DNA  
 <213> Homo sapiens

```

<400> 812
cagaaagctt cattaaaacc agtaaagaca tcaagacaat gtaactactg attattacat      60
gaagctaate tgaagtacaa tcttagatac aaaataagac atagaagtaa tgagtgcaga      120
aggagtaaac agtgaacgta ggtggggggt gctaggtaac aaatatcaat actgactaat      180
actggcatgg tttatgtgta gttaaaaaatt ttaagttaac tatgttcata atcaccctaaa      240
ccactggaag ggggggaaaaa ggaaaattag aaaacttcat ctattcaacg gacatggaaa      300
atggaatttt aaaaaatttc aaaattctgg ttaatgcaaa ctaggatgct aaatagaagc      360
ccccaattat ct
372

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<210> 813
<211> 367
<212> DNA
<213> Homo sapiens

```

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<400> 813
agttcccaaa cctaggcctc agtcctatcc ttcaaaaaaa caagccgaac tttgttttct      60
gtttgccaaag gaaagggatt agtgtgtctg caccaagaaa agtaattctt ttccatacaa      120
aaaaggatag gtactatatt ccaatcaagg taacaaacca gtgggctaaa aaagaattgc      180
cttttaattg tgaaaacatt tcttgatctt ttaaaaaaag aaatctacgg gaagtataaa      240
ggcaatcagg taataaaactc attgaaaatc agttatagta ttagcaaaaag tttacagtgg      300
ttggctttgt cacatagtca tagtttggtg gagaatcttg acctattttg atgctgtaaa      360
tacttgg
367

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<210> 814
<211> 404
<212> DNA
<213> Homo sapiens

```

```

<400> 814
cggtgctgtc ggggatgtgg cgcctttttc cgctcgccct cgcgcccccc ccgccccgcg      60
cagctaaatt ccggcggagg ggcgagctgg caggccggct cctcccactc tgggcagcgg      120
ggtcccgcgt cccctcccc actatttggc agcgtctggg ggtctggggc agcttcgttc      180
attcacccgg gggagttggg tttccgggaa gggtcggaag ctctccctc gcttcctggt      240
gggtaattgg gtggtgcctt tgactccggg ggtggaaaag cgacccaca ttcaaggacg      300
ccaatggcat gttgagcttt cccaatctaa accaggtgcg tggagggaag caagtgttta      360
ctcccagctt gaaccctgag cagcgggtct ctaactttag agcg
404

```

```

<210> 815
<211> 396
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

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<400> 815
cggtgctgtc gccgggatgg gatgtggcgc ctttttccgc tgcgcctcgc gcccccccg      60
ccccgcgcag ctaaattccg gcggaggggc gagctggcag gccggctcct ccactctgg      120
gcagcggggg cccgcgtccc ctccccact atttggcagc gtctgggggt ctggggcagc      180
ttcgttcatt caccggggg agttgggttt ccgggaaggg tcggaagctc ctccctcgct      240
tcctggtggg taatgggggt gngcctttga ctccgggggt ggaaaagcga cccacattc      300
aaggacgcca atggcatgtt gagctttccc aatctaaacc aggtgcgtgg agggaagcaa      360
gtgcttactc ccagcttgaa ccctgagcag cggttg
396

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<210> 816  
 <211> 399  
 <212> DNA  
 <213> Homo sapiens

<400> 816  
 gagcatatta tcaaggtcaa aggcagcgtg ataagtacct gacaattctg aaagctgtta 60  
 aagtgccttca ggccagtttt agaggagtaa gaggtagacg gactccttata aagaagcaga 120  
 ctgcagcgac actcatttag tcaaactaca gaagatacag acagcaaaca tactttaata 180  
 agttaaagaa aataacaaaa acagtacagc acagatactg ggcaatgaaa gaaagaaaca 240  
 tacaatttca aagggtataac aaactgaggc attctgtaat atacattcag gctattttta 300  
 ggggagagaa agctagaaga catttaaaaa tgatgcatat agccgcaact ctcattcaga 360  
 ggagatttag aactctaata atgagaagaa gattcctcg 399

<210> 817  
 <211> 400  
 <212> DNA  
 <213> Homo sapiens

<400> 817  
 ggcacgaggg accggggccga gccggggccgc ccggggcgcag tctttaacca tggcgctcct 60  
 ctccaagaag aaaaccgtgg atgatgtaat aaaggaacag aatcgagagt tacgaggtac 120  
 acagaggggct ataatcagag atcgagcagc tttagagaaa caagaaaaac agctggaatt 180  
 agaaattaag aaaatggcca agattggttaa taaggaagct tgcaaaagttt tagccaaaca 240  
 acttgtgcat ctacggaaac agaagacgag aacttttgct gtaagttcaa aagttacttc 300  
 tatgtctaca caaacaaaag tgatgaattc ccaaataag atggctggag caatgtctac 360  
 cacagcaaaa acaatgcagg cagttaacaa gaagatggat 400

<210> 818  
 <211> 404  
 <212> DNA  
 <213> Homo sapiens

<400> 818  
 ggcacgaggt tcgatgtgac ggagcgtttt gtcctccaca gacaccagac aggccggacc 60  
 tgccacaagt gtgggaccca gctgcgggac accattgtgc actttgggga gagggggacg 120  
 ttggggcagc ctctgaactg ggaagcggcg accgaggctg ccagcagagc agacaccatc 180  
 ctgtgtctag ggtccagcct gaagggttcta aagaagtacc cagcctctg gtgcatgacc 240  
 aagcccccta gccggcggcc gaagctttac atcgcgaaacc tgcagtggac cccgaaggat 300  
 gactgggctg ccctgaagct acatgggaag tgtgatgacg gcatgaggct cctcatggcc 360  
 gagctgggct tggagatccc cgctatagc agggggcagc atcc 404

<210> 819  
 <211> 400  
 <212> DNA  
 <213> Homo sapiens

<400> 819  
 ggcacgaggc ctatcatata ctatccaaat gaagtcatg tcaaagttca cgctgccagt 60  
 gtaaactcta tagacgttaa tatgagaagt ggttatggag ctacagcttt aaatatgaag 120  
 cgtgatcctt tacacgtgaa aatcaaagga gaagaatttc ctctgactct gggtcgggat 180  
 gtctctggcg tggatgatgga atgtgggctt gatgtgaaat acttcaagcc tggagatgag 240  
 gtctgggctg cagttcctcc ttggaaacaa ggcactcttt cagagtttgt ttagtgcagt 300  
 gggaatgagg tctctcacia acccaaatca ctactcata ctcaagctgc ctctttgcc 360  
 tatgtggctc tcacagcctg gtctgctata aacaaagttg 400

<210> 820

<211> 398  
 <212> DNA  
 <213> Homo sapiens

<400> 820  
 ggcacgaggc atggctttcc ctgagcctta gccgcggcct ccagagctgc cgcagaaacg 60  
 gttgaagacg ctggactgcg gccagggggc agtgcgagcc gtacgattta atgtggatgg 120  
 caattactgc ctgacgtgcg gcagtgacaa gacgctgaag ctgtggaacc cgcttcgggg 180  
 gacgctgctg cggacgtaca ggggccacgg ctacgaggtg ctggatgcgg cggctcctt 240  
 tgacaacagt agtctctgct cggcgggcgg ggacaaggcg gtggttctgt gggatgtggc 300  
 atcagggcag gtcgtgcgca aattccgggg ccacgcaggg aaggtgaaca cgggtgcagtt 360  
 taatgaagag gccacaggta tcctgtccgg ctctattg 398

<210> 821  
 <211> 403  
 <212> DNA  
 <213> Homo sapiens

<400> 821  
 ggcacgagga gccatgcbag cagctcgttc ccttggagaa agaactgtga cagaactgat 60  
 attacagcac cagaaccctc agcagttgtc tgccaatcta tgggcccgtg tcagggtcgc 120  
 aggatgccag tttttagggc cagctatgca agaagaggcc ttgaagctgg tggtactggc 180  
 attagaagat gggtctgccc tctcaaggaa agttctggta ctttttgttg tgcagagact 240  
 agaaccaaga tttcctcagg catcaaaaac aagtattggg catgtggtgc aactactgta 300  
 tcgagcttct tgttttaagg ttaccaaag agatgaagac tcttccttaa tgcagctgaa 360  
 ggaggaatth cggagttatg aagcattacg cagagaacat gaa 403

<210> 822  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 822  
 cggtgctgtc ggcggtggga gcgatgaggg tctgagacgg tgggagcggg tgtgtgaaga 60  
 tggagtthcc cggaggaaat gacaattacc tgacgatcac agggccttcg cacccttcc 120  
 tgtcaggggc cgagacattc catacaccaa gcttgggtga tgaggaaatt gaaatcccac 180  
 ctatctcctt ggattctgat ccctcattgg ctgtctcaga tgtgggtggc cactttgatg 240  
 acctggcaga cccttcctct tcacaggatg gcagtttttc agcccagtat ggggtccaga 300  
 cattggacat gcctgtgggc atgacctatg gcttgatgga gcagggcggg gggctcctga 360  
 gtgggggctt gaccatggac ttggaccact ctatag 396

<210> 823  
 <211> 403  
 <212> DNA  
 <213> Homo sapiens

<400> 823  
 cggtgctgtc gcgagaagga accgcccag ccatatcaag tcgagtcctg gccgtcacc 60  
 atgttcggg acattggcca gcaactgcag gccacctgta cctccctggg gtccagcatt 120  
 caaggcctcc ccaccaatgt gaaggaccag gtgcatcatg cccgccgcca ggtggaggac 180  
 ctccaggcca cgthttccag cattactcc ttccaagacc tgtccagcag catgctggcc 240  
 catagccgtg agcgtgtcgc cagcggccgc gaggcctgg accacatggg ggaatatgtg 300  
 gccagaaca ccctgtcac gtggctcgtg ggacctttg ccctggaat cactgagaaa 360  
 gcccggagg agaagaagta gggggagagg agaggactca gcg 403

<210> 824  
 <211> 393

<212> DNA

<213> Homo sapiens

<400> 824

cgttgctggc	ggtaaaatat	cattttatct	catactgtta	gtaggagott	cttaactact	60
acccattctt	aactttaaga	agcatagaat	ttaaaatata	gaacgaccgc	ttgtatggcc	120
tggatctggg	cacttaacct	tactaagttt	atctcgtgta	aactgacctt	gctaactcac	180
gtgaggctta	aataatacaa	tgtggaagac	ttcagggcac	atttttgggt	ttttggtttt	240
tgtttgtttc	ttgagacggt	gtctcactct	gtcgcccagg	ctggagtcca	gatgcacaat	300
ctcggctcac	tgcagcctcc	tcctcctggg	ttcaagcagt	tctgccttag	cctccggagc	360
agctggaatt	aggtcgcccc	ccaccacgcc	cgg			393

<210> 825

<211> 229

<212> DNA

<213> Homo sapiens

<400> 825

atgtcctctc	cacatgaaga	atcaatctga	attcttcacc	actgatgttt	tccatctcta	60
acttgaagtt	acaaactaac	tttagcagga	atacttatgg	cttacttcgg	agcatctggt	120
acaaggcaag	aactatcatg	tatgtttgct	acattcatat	ttaatttcta	tttttcttcg	180
agctggccac	tcgatttgct	gttcagggtg	tgttccctct	ttcttgctct		229

<210> 826

<211> 368

<212> DNA

<213> Homo sapiens

<400> 826

aatataagtg	acaagtacac	acacacacac	acacacacac	acacacacac	acacacacac	60
aaaacacaga	aattactgca	tcctgagggt	ggaaaatcaa	ttttgtccat	agaggtcctc	120
acaaatattc	ataattttta	tagggcttaa	cagtgaagtcc	taacgtcaaa	tattcctgaa	180
tgctaatacct	aaaactctct	aatttataga	cttttcttac	tcttaaccaa	tcagcgcgcc	240
atcatatcta	catgattttt	acaaagtgtt	tttaactaat	tctattccca	aaaagtatct	300
gtgtacctgt	tgttctggga	agcatcagga	gaggaagaaa	ttaagggtta	tgccactgat	360
aacagttt						368

<210> 827

<211> 225

<212> DNA

<213> Homo sapiens

<400> 827

atgtacacat	aactgtcatt	gtttgcagac	aacaggctaa	ttcagtagaa	aatccatgca	60
aattaactaa	aaacccttta	ggacaataga	attaataaag	tggaagatta	aaagattaac	120
aaagaaaaat	aattgcttcc	ctgtactggg	aataactaat	tagtaaattg	aatagacaaa	180
gatcttatgc	tatcactttt	tcaatgttat	ttattttgta	cctct		225

<210> 828

<211> 362

<212> DNA

<213> Homo sapiens

<400> 828

tgtagtgggt	tagagtatac	actgaattaa	tgagctattg	ggccacgggg	agctgaaagc	60
ttatatatgt	gtggagacac	tgttctgctt	tcaatctcat	catccttata	tccaacatat	120
gtatgtatat	tgaaatacca	accaagtagt	gtattttgct	agagcttatg	gttctcataa	180



ttaatgataa gactgtcagc cgggcgtggg gggtcacacc tgtaatccca gcactttttg	240
agtccgagggc aggcggatcc cttgaggtca ggagttcaag accagcctgg ccaacgtagt	300
gaaacccac atctactaaa aatacaaaaa ttagctgggt gtggtggcac acgcctgtaa	360
tc	362

<210> 829  
 <211> 364  
 <212> DNA  
 <213> Homo sapiens

<400> 829	
atatgactat aaaatctatc ttcattctgta gggaaggtaa tgaattacca taaatgcctt	60
cataatccag tctctctccc tccccctctt tctaataaaa atgcagagag aacactgtga	120
agctcaagct gcctctaaag aaagtagaga ttacagaaac ataacctcac aagatttggt	180
gatgaattat gaaggaagga catttatttt gagaatcatg agcattataa tatttattga	240
ggattagaaa tttgttatga ggaggtgctt ctacctctc atgagccact tatgcactta	300
atgccactg gaagaacatg attaatcgg caaaatccaa ctctcatgaa tatccccctg	360
ttgt	364

<210> 830  
 <211> 362  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(362)  
 <223> n = A,T,C or G

<400> 830	
cttcctcagt tcgggaggtt taatgataga tggagaattc tgaaagttag gagctacaac	60
tatttgaaat aaaactctag ttacatagtt gaaccgttca aggtagggtg tttaaaagca	120
gtttgttcac aaacaggtat atacacagta gagaaaattt gttatttttag caaacgctta	180
tttagctcat gctgatttaa tgagggttgc tttcatgata cttaatagtt ataagaacat	240
tttttacgat tctatagtta aacatttggt ttgcatacct tgttaaactc cgtctctccg	300
tatagcatat actacttggt tgacaggaga ttcacaaatg catccaatcc aaagaacaga	360
an	362

<210> 831  
 <211> 362  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(362)  
 <223> n = A,T,C or G

<400> 831	
taactacatt ttacagaaga tgaaccaga gctcaaggct atgttttagt aaagtgaagg	60
ttgtggaatt cagaaccaga tttatctgac tccaaggctc aagcttttta ccctctacca	120
tccaccaga tgtatttctt gactcattca ggagtttaac ttttaatttg atagtaatat	180
tctcccatca gctaagtga ccagcttgga aataagtgt ttaatgaatt tcttactaa	240
aatttaaaaa tgcctttgta tttatgcata gctaactcct gagtttccat tattgataat	300
aattaagaaa ctggtngtat atgaaaatgg tgtttagca tacatttggc ttcattatct	360
tc	362

<210> 832  
 <211> 362  
 <212> DNA  
 <213> Homo sapiens

<400> 832  
 ctatcttaga acaagttaga tagtatatgt acttgtaata acttgtagact agatatgtta 60  
 gttttgtcta ttaatTTTTc tgttaaaaag aatatgcatt gaaatgagat ggaaaacaaa 120  
 atgaaaagtg tttaaaaaat taaatatttt agaaggatca atatacctaag ggttgtgggt 180  
 aattttttcc tactttctaa aacttcagat tcctttcact cacttaaggt tgtactacca 240  
 ttaatgcaat gttttctggg agtgcaagat ttgcaaata gaattaataaca gctagaagcc 300  
 tcactatttg cacttttata acattctttg ctgttatcat tacaaggtaa aattatatag 360  
 ta 362

<210> 833  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<400> 833  
 cgttgctgtc gaaaaaaaacc ccacaaaacc ttgtgggtgt ctgagacaag aacatttcag 60  
 gcaggaataa cagtaagtcc gaaggcccca aggtaggaac tgcattgcatt atgccgtgga 120  
 gaacagtcaa gaggtcatta tagctggagt aaagtgagt aaagagaatg gtaagaaata 180  
 aggttgaggaga gaccgggtgc ggtgggtcct tgcctgtagt cccagcactt tgggaggccg 240  
 agatggatgg atcacctgag gtcaggaggt caggaccagc ctggccaaca tgggtgaaacc 300  
 ctgtctctgc aaagaatacg gaaattagcc aggtgtggtg gcagggtgcct gtgggtcccag 360  
 ctgcttggga ggctgaggca ggagagccgc ttgg 394

<210> 834  
 <211> 367  
 <212> DNA  
 <213> Homo sapiens

<400> 834  
 cggaggctac ggagcagccg ggattcagaa tactactaca gagccagtct gagaggacac 60  
 tgctgcctcc acctccgaac atgtatctgg atgctccagc ttgctctact gtcattctggg 120  
 aactgaaca ctaggcaccg gtgccacagt gctaccacat ctgcccctgt gcacttcata 180  
 ctgggtgggtgc agctgtctta actgcttctg ctgaccaaca aaatgcattc tccgtggctc 240  
 ctgcttcttc actgtgagag gtctcattgt ctaacatcct tgggaggatg gactttaaat 300  
 tcatccccta ccaatgtact ctatcctaac tgtatgggag gcggtgaaat acctaatacgc 360  
 attttct 367

<210> 835  
 <211> 371  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(371)  
 <223> n = A,T,C or G

<400> 835  
 acagaagggg ggctctgcc aactggatc tctctctcat tctcgatcct gcccaaattgc 60  
 catttctcag agagtggact ctgggtcccg gctgccttga ttcaacagct gggcatgtta 120  
 cttacttttc ctgtgtccct gtttcacctg taaaatgtcc gtaataacgg tgcctacctc 180  
 ttatgggttg cacaaggctt atgtaaaaca atcgacacag tgactggcac agtgtgcaaa 240

ggccatatat gattattact taacgtgtcc aatttttcatt ttgtgtctat ccctcagccc	300
tatctgacat aatttagtcc cgctttttgt gggactcctc aaccccccaa ggctaggtat	360
ggccagggtac n	371

<210> 836  
 <211> 392  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(392)  
 <223> n = A,T,C or G

<400> 836	
cgttgctgtc gggcaaggaa ccactctaag ctcttcagtc actctaattcc agaaactgtg	60
tctttatggc tcaggcaacc agttcatggc agcctagaat gacagggaaa aagctgggaa	120
gggaccttag aaaatcactc ttgcccataa ctccagccaa agtgggtctt taaaaaccaa	180
gttcagggtg ggcgcgggtg ctcatgcctg taatctcagc actttgggag gccgaggtgg	240
gtggatcatc aggtcgggag ttcaagacca gcctggctaa ggtgggtggaa acccgtctc	300
tgctaaaaat acaaaaatta gccgggtgtg gtgcacgcct gtaatccag ctactcanga	360
ggctgaggca gaagaatcgc ttgaacctgg gn	392

<210> 837  
 <211> 307  
 <212> DNA  
 <213> Homo sapiens

<400> 837	
cacctgtaat aattgtgtgg ctattccgaa tatgcaaagt tgaataaaaa tgcaaaactc	60
tacatgaata ctcaattgga ttattctcca gctgggtgag aatacttacg tagtacttgc	120
aggtattaat tgattttaatt cttataacac atttttttaa ggtacaaac aggcattgga	180
aaaaatttta aatacagatt taatacctga ctcggaagaa aggtataata aggatggagg	240
atatttgcc tcccgacatt ttggagctca atttttttt cttagcaaaa gaaatgggtg	300
gacttcg	307

<210> 838  
 <211> 361  
 <212> DNA  
 <213> Homo sapiens

<400> 838	
aaaagtaaga tggagcactt gtcttcatgg aagtaaattc atgataatct tgtttaagta	60
tcctattcag taattatgta ttgttaggta gacattatct cacaggacta ttagagcata	120
ttgaacttag aaactttgaa agctctttgg atgctagctg gtacagaatg cccatctgct	180
ctatgattac tgtgagaatt gtgttaaaac tcctggcttc ttgttaattt ccaagtatag	240
tgcaatatgt ggatttcaat atataaagat gaagaaccta gatgttttga gcttttcatg	300
tcagaggtag tctcagagtt gactcatagt tggccaggtc atcttcagct ctcttgctta	360
g	361

<210> 839  
 <211> 392  
 <212> DNA  
 <213> Homo sapiens

<400> 839	
cgttgctgtc gtttgcattt aaacaagttg gagttcgtaa gggatgaatta cttgaaatgt	60

actaatagat	agtagagaat	atttacaaca	cattttttaa	aatatgaccc	ataataatag	120
gtggcattta	agaaatataa	gcatgggtatc	tatcttacat	gcatattagg	agtggacagt	180
tttctatgat	tagaagcaca	cagttgtcga	gcaaggggttc	taatttttgt	acgtgttgtg	240
ggaaagaaag	ataatacagg	gtgtcattgc	aaagatattt	aactactcta	gataatttag	300
gcctacacta	ctctaataaa	ttgggttttc	caaattattg	atacaccttg	agaactagtg	360
cctgggtagg	cctggagaaa	tgactccagg	ag			392

<210> 840  
 <211> 391  
 <212> DNA  
 <213> Homo sapiens

<400> 840	
ggcacgagggc	agcagctggg
atacacccaa	ctgggagatg
atcatttcgc	gaaggagcaa
tctgattata	tcacggagac
tcattaacac	atctagttct
tatattggca	tttgagatga
gaggtctcaa	cttacggata
	ttccaagtgc
	c
	60
	120
	180
	240
	300
	360
	391

<210> 841  
 <211> 389  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(389)  
 <223> n = A,T,C or G

<400> 841	
cgttgctgtc	gcttcagaga
atgcagggcc	agggcacggc
ctttagacca	cacaaggcag
cagtgggtga	ggatggccca
catatcatca	tgggacatga
aatacatcta	gaaggccagg
tgaggtgagt	ggatcacgag
	gtcaggagn
	60
	120
	180
	240
	300
	360
	389

<210> 842  
 <211> 227  
 <212> DNA  
 <213> Homo sapiens

<400> 842	
gagcacctct	gtgttcctag
atatggctcc	accctcatgg
cttggcctga	ctttatattc
gaactcaggc	atggccttct
	ggggctgttt
	atgccctatc
	accctga
	60
	120
	180
	227

<210> 843  
 <211> 361  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(361)  
 <223> n = A,T,C or G

<400> 843  
 aaattagata ataaagtgtct ttttagtaaca tgcctggcac agttcattga ttcaaacatt 60  
 gaaaaaaaaat ttttttaatt atcatagtag tgtgtacctt tggaaaaatt ataacttaac 120  
 agataaggct aagtttgagc cttccagacc tttccttctc tgcatactct tcaggggtaa 180  
 ctgggatcat gttctgggag catgtcattc caagactgtt tctttgcttt tataaacaca 240  
 tctgtttcca tagaaatgct gtagtggttg cagagggggc ggtgcgtggt atcatcctgg 300  
 atttgntatt ctgcgctttt ttgcttgacc taccttggtt ggctctctag tcgatacagc 360  
 t 361

<210> 844  
 <211> 363  
 <212> DNA  
 <213> Homo sapiens

<400> 844  
 cgggggtcaa gctggactcg ccacgactag attgcagggg actaaccgct taaattgcgc 60  
 aactgggtgat gctcttgctg tatttgagga catgataaac gagtatatgc tgcatagacc 120  
 cgacaactgc attcattgta tgtgtcaggt tcaccgggag gtgacagatg ctacacttgc 180  
 atttattgaa tgagcttatt ggatatcttg ggtgcaagca ggaagcaacc tgetgacctg 240  
 agctccctgt ggccctgggtc ctctccactc tgaaaacatc caggcagatc ttacaactcc 300  
 tccagtcaca cccagatacc aactctaggc cagaccaatg caatctcttg gcttgaattc 360  
 aac 363

<210> 845  
 <211> 388  
 <212> DNA  
 <213> Homo sapiens

<400> 845  
 ggcacgagat tccttgccctg attttattgt acagtgtgca caagcacaat ggtatgcttg 60  
 tatatagaaa ctaaaaatac tatgaagtac ataagttccc tatggcttat ggagagttat 120  
 ttattaatta actttatggt agggctagta tgaatacctt ttttaacaatt gtgtgctatt 180  
 acaacaatga agattcaaatt gactccgctt tgaaggatgt tttctctata tggtaaaata 240  
 tatatgaaga agtcttgatt acgtgaagat cacttgactc agaatacttc aatgtatttt 300  
 gttcacatta ccactaagca tattatcagt aaactattaa ctgactgcac attatgtaat 360  
 acgttgact ttttggtgaa ttcaccga 388

<210> 846  
 <211> 365  
 <212> DNA  
 <213> Homo sapiens

<400> 846  
 cttggggaggc tgaggcatga gaattgcttg aacccaggag acagagggtt cagtgaacca 60  
 tgatcccacc accacactcc agcctgggtg acagattgag actctgtctc aaaagagtta 120  
 ttaccacaac aatagactat aaaatctgta gtcttaattt gcataatcat gtagacagga 180  
 aaataccttt agcatcttaa taaaagatga atcaaactct ctaataaata ccctagaaaa 240  
 gacaaacaat aactaaata taagattaaa gagtagtttc taatacatca ttctaagaca 300  
 aatgagggga aaaaacccca tttcaaattt aagtcaaaag aaagggtgaa acataaagga 360  
 gtctg 365

<210> 847  
 <211> 391

<212> DNA  
<213> Homo sapiens

<400> 847  
tctacccaag tgaattataa ttaactgcgt cacatattatc attatactga cctttgagca 60  
tttcccccaa ctcacagtat tttgtttctc agatatggga tattcgcttg ctttgtgaaa 120  
aacatgaaaa tgttagcaga gctcagtgct ttgccagca gatggcattt gtgtgagttt 180  
ttcaggatcc tttggaatct gtcacttgcc aattacccaa tttgttttga atactctgta 240  
tttccagtta atattgcacc atttacataa agagaatgtg ccaaattgc tgtaatctgt 300  
tctgtaatca aatctgactg ctgtagatgt ataacttact tttggtaagc tggttactgc 360  
aaaatgggtct caagacaatc cttttctatt c 391

<210> 848  
<211> 389  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(389)  
<223> n = A,T,C or G

<400> 848  
cggtgctgtc gntattttat gccttcaggt tttaaaaatt ataaacattt acattacagt 60  
aaaagtcact ctggtataca gatctataaa gctctgataa atgtgtagag ttgtgtaacc 120  
accaatgcaa ccaaggtaca gaacagtcct cttagcctct ccctaccaa tttattcctg 180  
ctactttgta gacaaaacca gtcccctaca cccaaaccct ggagacact ggnttttttc 240  
ttcggtctct attttttttt tttaggaaaa aaagattatt tttttcccca cgctggaagg 300  
gggccagggg ggggatttgg aaaaagggca cctccccct caggggatta ggggtttttc 360  
tggtttggct ccccaagggt gtgggaaan 391

<210> 849  
<211> 395  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(395)  
<223> n = A,T,C or G

<400> 849  
cggtgctgtc gcttacaggg tcattcagac cccatcttag ccctagatcg gtgcttgctc 60  
tactcacctg cactgtcctg gggacctggg ctctggcctg tcaccttgag ctccaagaat 120  
gtgacctgta cccattcagg ccccttaact ctgacagatg agggtttctt actcctccat 180  
gcagggctgg gccagctggt ggtctcagtc gatcattcag gaagtcatta gcagagtgat 240  
ttccagaagg cgtagaattt agtgaccaag gttctttcct ttttgggagg agaaagtga 300  
aactaggatg ctgagctgga cccaccagcc tgagattctg gggattttag agctgtccct 360  
tggggagcca agcacttggn ggtggaggtg atagg 395

<210> 850  
<211> 388  
<212> DNA  
<213> Homo sapiens

<400> 850  
gacaaagctg catgctgggt ctcaactccc tagaatttga acacacggct caggggtatt 60

gagctgagat	cttgagctca	agcaggagag	gagccctcac	tctcagacca	cagagaagac	120
tgaggtgtgg	gatcatggga	tggcacagca	gctgggtata	ccatgctctg	gaagaccaat	180
ctaggaaggg	tgtggcctat	ctgccatcct	cagcctctgc	ctgagggagc	tccatgccct	240
gcagcaccta	acagacaagc	aatcggagaa	caaaaggctt	gggacaaaac	tagctgggca	300
agctcagtac	tgggacagac	actggaagga	gacctgatca	gtcgagcaca	agctgggaag	360
tccagacagc	aatctctggg	aaaaaaac				388

<210> 851

<211> 367

<212> DNA

<213> Homo sapiens

<400> 851

ggcctattcc	taatggatag	agaagaaaga	cgacagcggg	aacacacaag	aagaaaactt	60
actcttcgta	gaaaaataga	agaggacata	cagcgaatgc	tgctcatcag	cgtcaaaata	120
gttcaaataa	ttttacgaaa	aaaaactcag	cttctgttgt	ttatcaggca	gatgtaccgg	180
ataatgggtat	aaatcaaaaag	gaggtataaa	tatttcaggc	caagggtcaa	ttatttcagc	240
gcaggtatca	cccacgagaa	atTTTTccag	agcttcacaa	gcatttttgg	atacttcaca	300
agaagagaag	gagaccaatg	ctgattggga	tggaagacca	acccatagat	caagctatct	360
ctgcgag						367

<210> 852

<211> 259

<212> DNA

<213> Homo sapiens

<400> 852

cggaggagct	cccaaccccc	accgggtgca	ccttgcagaa	ccctccctg	agaatccggt	60
cgggattcgc	agcctggacc	cacacgtgct	gctccccaag	gcaggtccag	cgagtgcaca	120
ggtgcagatc	ccttgctgcc	acctccactg	gccagtgett	ccggagccag	gcgtgcccag	180
ggctgcacag	acgttagcac	cacgctgcac	ctccatttcc	acggagaagg	aaaccgaggc	240
acaaaggcga	agcttttcc					259

<210> 853

<211> 393

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(393)

<223> n = A,T,C or G

<400> 853

cgttgctgtc	gcggcgggag	ccgctgctct	ccggctgagg	gaatcagaga	cagctccgtc	60
cctagtggag	cgcaggggag	gcagaagtca	tgacaggcga	ggtgggttct	gaggttcacc	120
tanaaatcaa	tgacccaaac	gtcatttcac	aagaggaagc	agatagtcct	tcagatagtg	180
gacagggcag	ctatgaaaca	attggaccct	tgagtgaagg	agattcagat	gaagagatat	240
ttgtaagtaa	gaagttgaaa	aacaggaagg	ttctacaaga	cagtgattcc	gaaacagagg	300
acacaaatgc	ctctccagag	aaaactacct	atgacagtgc	cgaggaggaa	aataaagaga	360
atztatatgc	tgggaaaaat	acaaaaatca	aaa			393

<210> 854

<211> 391

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(391)  
 <223> n = A,T,C or G

<400> 854  
 cgttgctgtc gaaactcctg agctcaagtg atccactcgc cttggactcc caaagtgctg 60  
 agcttacagg cgtgagccag tgtgcctaac ctggggggtt cttgactgag gcatagccct 120  
 tggttttctg ttttctctg tctcctctcc ctgagggtggc ttgtctggtc ttaggatttt 180  
 gcttgctact tccttgctta caactccaaa aactctgcct gggcttctcc agtggaaacta 240  
 cagtcagatg gctgaagcat cccggctctt ggggtccatc ttgagctgcc aggtgcctca 300  
 aatatggact ggaggagtgg ctgtcactgt ggttcgctcc catgttagat acagggctag 360  
 tctcagctct gccactcccc atgtgtgacc n 391

<210> 855  
 <211> 393  
 <212> DNA  
 <213> Homo sapiens

<400> 855  
 cgttgctgtc gccaggctac atggggaaga gttagctaca aaactggcca cttaatctct 60  
 ggagggggggc gttgggtggg tgtgtctgtg tgtgtctcag ggggctggag atgcctgcgt 120  
 gggaggagtg cacctctgac caggtggcag agtgggaagga ctgagggtc tcagctgagc 180  
 tgtgcacatg gcgggcacag gaccggctgg ctgtgagtg gtgtggcctg tggcctgtga 240  
 aggggtgggag gagggctgtg gagctgggga ttctgggaag ggaatgtcgg ccagctggg 300  
 aggttgatcc agatgacctc agcggcctct tcagtcctga aaaaaacctc agcatctcct 360  
 ctgtcgtttt gggcctgtac aggacgcagc cat 393

<210> 856  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<400> 856  
 cgttgctgtc gccctcctgc ttttttttga gcctctcctg aaactgatag atgctgaaac 60  
 cactgcagga gcctggccta acgtggctgc agtctccatt actgggaggga agcggagccg 120  
 ggtagcccct gccgagcccc aggaggcccc tgattccact gctgcaggag gctcagcctc 180  
 gaagcggatg gcgtgggtgc tggaaacgggt gtgcagcact ctctggggcc tggaggaaca 240  
 cctgaatgcc ctggaccggg ctgctgggga cggcgactgt ggcaccaccc acagccgtgc 300  
 ggccagagca atccaggagt ggctgaagga gggcccaccc cctgtcagcc ctgcccagct 360  
 gctatccaag ttggctgttc tgettccgga gaaa 394

<210> 857  
 <211> 159  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(159)  
 <223> n = A,T,C or G

<400> 857  
 tagtgggtcca naanatgaaa aaataattga acaaataagag gatatgggtga ctacagcttc 60  
 tacgtacctg tttgaagcca cagaaaaaag attttttttc aaaaatgtat ctatatatta 120  
 ttcttagaat tggaaggaaa atcctcagta caaaaggcc 159



<210> 858  
 <211> 393  
 <212> DNA  
 <213> Homo sapiens

<400> 858  
 ggcacgaggg aacatgggct ttgcagcaaa agcgaagaaa tctgctcatg aaaacatgga 60  
 tctgaaccaa atatattgatt tgatgcaaga gatcacagag caacaggata tcgccaaga 120  
 aatctcagaa gcattttctc aacgggttgg ctttgggtgat gaatttgatg aggatgagtt 180  
 gatggcagaa cttgaagaat tggaacaaga ggaattaaat aagaagatga caaatatccg 240  
 ccttccaaat gtgccttcc cttctctccc agcacagcca aatagaaaac caggcatgtc 300  
 gtccactgca cgtcgatccc gagcagcatc tcccagagg gcagaagaag aggatgatga 360  
 tatcaaacia ttggcagctt gggctaccta aac 393

<210> 859  
 <211> 395  
 <212> DNA  
 <213> Homo sapiens

<400> 859  
 ggcacgaggg ctatcataca ctatccaaat gaagtcattg tcaaagttca cgctgccagt 60  
 gtaaatccta tagacgttaa tatgagaagt ggttatggag ctacagcttt aaatatgaag 120  
 cgtgatcctt tacacgtgaa aatcaaagga gaagaatttc ctctgactct gggtcgggat 180  
 gtctctggcg tggatgatgga atgtgggctt gatgtgaaat acttcaagcc tggagatgag 240  
 gtctgggctg cagttcctcc ttggaaacaa ggcactcttt cagagtttgt ttagtgcagt 300  
 ggggaatgagg tctctcacia acccaaata ctcactcata ctcaagctgc ctctttgcca 360  
 tatgtggctc tcacagcctg gtctgctata aacaa 395

<210> 860  
 <211> 392  
 <212> DNA  
 <213> Homo sapiens

<400> 860  
 cgcttgctgtc gcttgaggaa gccagtaga tttcaagttg gtcgcggtt gggcattggg 60  
 aaaggggatg ctttgcccc acccaccctg cagccttctc cactcttccc tcccttgagg 120  
 ttccgcccag tacctttgcc ctccagcgag gaaggggaat atgtcctggc actgaagcaa 180  
 gagctacgag gagccatgag gcagctcccc tacttcatcc ggccagctgt ccccaagaga 240  
 gatgtggagc gttattcaga caaatatcag atgtcaggtc cgattgacaa tgccatcgat 300  
 tggaaccctg attggcggcg tctaccccgg gagctaaaga tccgagtgcg gaagctacag 360  
 aaggaaacgga ttacaattct gctccccaag ag 392

<210> 861  
 <211> 388  
 <212> DNA  
 <213> Homo sapiens

<400> 861  
 cgcttgctgtc ggagataagg actgagtga gaagataaga gaactcgcat gatggaaata 60  
 ttttctgaaa caaaagatgt atttcaatta aaagacttgg agaagattgc tcccaaagag 120  
 aaaggcatta ctgctatgtc agtaaaagaa gtcccttcaa gcttagttga tgatgggtatg 180  
 gctgactgtg agaggatcgg aacttctaata tattattggg cttttccaag taaagctctt 240  
 catgcaagga aacataagtt ggaggttctg gaatctcagt tgtctgaggg aagtcaaaag 300  
 catgcaagcc tacagaaaag cattgagaaa gctaaaattg gccgatgtga aacggaagag 360  
 cgaaccaggc tagcaaaaaga gctttctt 388

<210> 862

<211> 303  
 <212> DNA  
 <213> Homo sapiens

<400> 862  
 gctgctctac cctttaatgg atatgtgtgc attgaagatg tctggatgag gagactaatt 60  
 ctagaaggca gacgtgcctc aataaattaa ggcttccct aagaaacccg agaaatatat 120  
 agattttgtc ttaaagtgtt gtgtgagata tttgtctttc aggcacagat atatcaagtt 180  
 tttttttatt tctatgttta tattgatatg ccttccacat ggttaattaa ataaaaagag 240  
 gggaaaagga gaaagaaaaa gattcagagc atcatttgtt aaaaagaaat gtatcattca 300  
 acc 303

<210> 863  
 <211> 385  
 <212> DNA  
 <213> Homo sapiens

<400> 863  
 cgttgctgtc ggaaggtatt ctccggcctt agaaagccca ggattaatgc aggattgcga 60  
 tatttaaacac gaacatttcc atacagcatg agtataaatg actttcccaa gtttacctg 120  
 agagtaactg acacagcaac cccagcaaag tctgagctga gtcctgaata attgtataaa 180  
 aaggggagag aaacagagtg aagaaagggt ttcccagact ctgtcccagg aaagaaatg 240  
 agctcgtgga gaggaataga ctttctctat gaaaacagag ggaacaaaga ggaagatgtc 300  
 tgggaaccga ggagtaatag agacctgagt ttacatcact actctgccac tccctaggta 360  
 cctcccttta cctgtttccc tactg 385

<210> 864  
 <211> 357  
 <212> DNA  
 <213> Homo sapiens

<400> 864  
 gagacagaga gattagacat tgcaatgaac aaactgggtt tgaccattaa ttacattccc 60  
 tggatacttg ctcaattcac cacacatttt tttttttctg aatcaacatg aaaaagactg 120  
 gcttagtctg catttaaaagc atttcgtaca ttacaatgat cacatgctac aggatttgta 180  
 agtgctcaag gatgtgttca cagctaggga agtaaaagccg acataaagaa atgaaatcca 240  
 ttttctgtct tcaagacact tacattcttg cataaagtca agaaaatact attaggaaaa 300  
 caatacttta tattgggtgc cttctttatc tggaggatgg caaacaacca aatcatg 357

<210> 865  
 <211> 359  
 <212> DNA  
 <213> Homo sapiens

<400> 865  
 caatgagcac aagggaatac attatagtgt attttgtctca aacttaattt aaaagcctca 60  
 ttttcctaga actctaatta ttcagatatt catgacaata tttttttaac agtaagaaac 120  
 tctgagttgg cttcttgagg ctgtaggtct tgaagcagca acgtctttca ggggctggag 180  
 acagaaaacc attctgcaat ctcaagtagt ttttcgaaag gctgagatca tttattgatc 240  
 gagatatgac ttgttactag ggtactgaaa aaaatgtcta aggcctttac agaaacattt 300  
 ttagtactga ggatgagaac tttttcaaata acaaaaatat attggcttaa agcatgagg 359

<210> 866  
 <211> 142  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(142)  
 <223> n = A,T,C or G

<400> 866  
 tcctgcacca aagaaatgta aaacaaaccc agagagtgac attgagcagc tttaaagtga 60  
 cgttgttttc ctttcacctg gtgaatttga gaacgcagtg gcttttgaga ctgtcctgcc 120  
 aagtggcang tgaggcatgg ag 142

<210> 867  
 <211> 360  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(360)  
 <223> n = A,T,C or G

<400> 867  
 tctccttttag ctgctacaga ctccctgctc tcttcccttt ccagcaaaca ctgtctgctt 60  
 cctcttgtcc caccagctct tgaactcact cctttcaggc tccatcccca ccaccccact 120  
 gcatccacta atgccaaaggc cacctccatg tggccacatc caatgaccat ctctctgccc 180  
 tcaggtccct ggttgaacat gtcagcagca tttgagtagc tgacctcctt tgctttcaag 240  
 aaacttttcc tgctcttgga tctcttcctg tctccctagc cagattttcc tacttctccc 300  
 ttactgatcc ctctaattt cctccatcat gaagcactgg agtgtcccag ggttcagtcn 360

<210> 868  
 <211> 351  
 <212> DNA  
 <213> Homo sapiens

<400> 868  
 attctctata gtgtggatat gaatctatcc atctatctat atatatttat cttggaccaa 60  
 ctatcttttt atacagtgtg gatgatcaga tataccgcac aaatccctgg ccagtgggag 120  
 aagttcccct tactactttc agggccactt ctcagtggaa gtccattttc agctgggtatc 180  
 acacataaca aaatggccta ttttcagcat gtgccacaca gaccaagact ggctttttct 240  
 gtctccatta tcaggtcaaa aggaaacaca catgatgcca taggagttag atgaggtgca 300  
 attttggttag ctgacaatgg ggccctgggtc acctgcttgc aatgtacttg t 351

<210> 869  
 <211> 357  
 <212> DNA  
 <213> Homo sapiens

<400> 869  
 gagttccaag tagggaatcc ttctgagaag tcccaccttt ctgagcagct gtgtttgaag 60  
 aaagctagtg ggaaaagttc caggattaca tgtcaggaaa ctacaagagg tagaaacatt 120  
 tgttgattta ccagtgtttt taacttcctg ctgggctgaa aactgcttgt ttcgtggaaa 180  
 agcaaaaactt gacagcaaac atctaaaatg aagagctccc aaacttttga ggaacaaacg 240  
 gaatgcattg tgaacactct actcatggac ttcttgagcc caacattgca ggttgccagc 300  
 cggaacctat gctgtgtaga tgaagtagat tcaggagagc cttgttcttt tgatgtg 357

<210> 870  
 <211> 384  
 <212> DNA

<213> Homo sapiens

<400> 870

tacggctgct	ataatacgac	agaagggcac	acacacacac	cttttttttac	actgagagaa	60
tgagaaaaac	attaactttt	agttctccgt	gggccttatt	ttcttaaagg	aggaaatcat	120
tacacagtaa	agcattaatg	gccagtgtgt	gcttaattta	acaacactac	aaattcatgt	180
agagatgtct	gatcctctag	agaggaaact	gtcattcctt	agctgcagtc	ccctcttcaa	240
ctgaagaatt	acatttcacc	actaggtgtc	cacaggggaa	caaaggatat	cttacacttg	300
cccattccaa	gtccctttca	cacacactgc	actccataaa	caacttgtcc	taggtcaatt	360
tataaaaacc	ttaaattctta	tttt				384

<210> 871

<211> 358

<212> DNA

<213> Homo sapiens

<400> 871

tttgtgggag	gaaccacttc	cactctcagc	cactcaagg	ttatcaggat	atactagttg	60
agaagcatga	aaaataaaaa	ctggtaattt	cccataacca	aaacaaaaag	tgttacaaga	120
tacttaaatg	atccttgcca	atacttttat	tctatttagt	atatgattag	gagtttagta	180
gattaaaaaa	cccaccacat	aaaagacaac	tggtatatat	tctcctcaga	catggtaatg	240
tgatgtaagg	gagtaaacct	tgaacttcat	ttttgtatgg	gtcataaaat	cgcattgagtc	300
atacttgggt	agaacacaca	tgattttcaa	taacaagttt	gtcttccact	tcattacc	358

<210> 872

<211> 330

<212> DNA

<213> Homo sapiens

<400> 872

gggagcctga	ggaggggcct	cacccggcct	gaggaaactc	actgagaagt	ggaggccgag	60
tcagagcctg	tgaggcaggg	gagtggggac	agtctcagcc	caaaaaacaa	tgctggcgag	120
aggcaggtgc	aggggtaagg	tcacaaggag	ggaagcgcag	ccctttcaag	gcaggagaga	180
aggcggcgag	agagaaggca	ccaggacaag	ggacagaact	agagggaggg	taggacctgg	240
catttaggaa	ccagcatgtg	gctgggcctg	ggcgtgaggt	taagaaggga	gagttggccg	300
ggcacggtgg	ctcacgcctg	taatcacagc				330

<210> 873

<211> 355

<212> DNA

<213> Homo sapiens

<400> 873

ggtggcatgt	acctgtattc	ccagctacct	gggaggctga	ggtgggaaaa	tcacctgagc	60
ctgggaggtc	aaggctgcag	tgagccatga	tcacgccact	ccagcctggg	cgacagagtg	120
agaccctgtc	ttaaaaacaa	aaaacaaaaa	aaccccaa	aagcagaaac	aaaaatgcag	180
aagacagaag	tctaagaata	tattaaaact	gtattcta	atagatgtta	aattctaaag	240
tcagcagata	agtagaaaat	ctgtaaatat	aaaactgagt	ttgaaaactt	caggacttaa	300
agcaggcagt	aagagggaagt	ttggtggaga	gacgatattg	ttagaatgta	aacct	355

<210> 874

<211> 358

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(358)  
 <223> n = A,T,C or G

<400> 874  
 gatttttagga cttggtgttt ctggcatttc ataggaaata aataaatcaa agcctacagt 60  
 aagcaacctt ctttaatacat cttggaaggg gggaaaaccc caagaccctt atttaggatg 120  
 aatatattaa tacaatacaa agcacccaac ttctttctgg gaatgactta aganatccat 180  
 cagcagaagg agacagttgc acttattatg ggatttctag ggcatggggg cgcanagaca 240  
 aaaaagagct tggtttactt tttcaaaaaca tgaaatgctg attcccttct tttgctatgc 300  
 tattcaggcc ttaaaggga aagcacaaaa gggttcttgg gcaatgaaga aaaataag 358

<210> 875  
 <211> 357  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(357)  
 <223> n = A,T,C or G

<400> 875  
 taaactgaaa aatgagtcta aatgcagcca ctttgctatt ttagttcttc ataagactgg 60  
 aagcaaagca attttactga aatgttatca gtgaaactac tcaactctaca atgaaacatt 120  
 tgtgtttact tttgtggtta gatattttgt ggttaatatg tgtcaaactt ttatccaaac 180  
 acaaatggta taaagagatg agtaagacag tctgtggctc agggctactt tgttgtaaaa 240  
 acccagcgac accattctga ctgtggctct actggttatt ctctatctag caccaagatc 300  
 tttggaagac atgttaagca attatcttat cactctactg gtcacaatcc tccaaan 357

<210> 876  
 <211> 326  
 <212> DNA  
 <213> Homo sapiens

<400> 876  
 ctcttccact aacacagggg aattccagcc cagtcctgag gaacatgggc aggtcgatgg 60  
 gtttaatttaa ttcagtatgc aaatgggcca tgagggttct taaaagagat gacttaaaag 120  
 atccttttct aaatgatgaa gtccctcagc cccacagaca agaatgggccc ccaaggctgg 180  
 gcgcagtggc tcatgcctgt aatcccaaca atttaggaaa cggagggcagg aattcaaagac 240  
 cagcctgggc agcagagtga gactctatct ctaccaaata taaaaattag ttggccgggc 300  
 gcggtggctc aagcctgtaa tcccaa 326

<210> 877  
 <211> 357  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(357)  
 <223> n = A,T,C or G

<400> 877  
 attacatttt attgagctct tagtatagtc attctactaa ttatcaagaa ttgttaatcc 60  
 ttttaataacc atatttagtc aatacattag cccccaaaac aagtaaaacta aagctaagtg 120  
 agactaaata atcagaagtc aaaataactt gcccaaggctc atatgtaacc aataagttgg 180  
 ccacatctta gagtaagttc ttagtcgcta acaaagntca cttagttttt ttttgagaca 240

cagtctcact	ctgtcaacca	ggctggagta	cagaggggcg	atctaggctg	aatgcaacct	300
ccacctccca	ggtgaaggag	agttttctgc	ctcagcctcc	acaataactg	ggaatan	357

<210> 878  
 <211> 360  
 <212> DNA  
 <213> Homo sapiens

<400> 878						
attgttatcc	gaaagagaga	aataactcct	gttaatcaag	aaaaagacag	aaacttcaat	60
gggaaaaaaaa	ggaccaatga	aagagacaaa	ctaccataga	tcagatttct	tcccatagct	120
aaacagtata	caaagaaact	tcatatttat	aattatacaa	atgcaaatca	aggcagtgag	180
tcattactct	tatcagaaag	actctaattt	aaaaggataa	acacaacaat	tattagaaaa	240
tgtgcatagt	gttaactttc	actcacttgt	agtgaaaagt	agtctggaaa	tattttatatac	300
atcatagaga	aattccgaga	atcatatata	ggtagatgat	gataaggatt	atggtattgg	360

<210> 879  
 <211> 225  
 <212> DNA  
 <213> Homo sapiens

<400> 879						
ttcgcgttcaa	attctgacta	tgtagtattt	tagcaaacct	atgctagtaa	cattagaaaa	60
aaaataaatt	tactatccat	agactttatg	aaggtcatat	atgaagaaat	gggtgtttta	120
gtaagaaaca	gaaatttctt	aagcttctca	ttagatttct	ttagatttta	gttcaaaata	180
gatttgagtg	agttttatttc	tgatgcggtg	ctttaccctg	attac		225

<210> 880  
 <211> 353  
 <212> DNA  
 <213> Homo sapiens

<400> 880						
cagataattt	ttttaaatct	attattaaca	tgttcaataa	aaagatgaaa	agatggagaa	60
ttttattaga	gaaatggaat	atctaaaaat	gaattacttg	aagagttgct	aatgaaatg	120
cagaataaact	gtaagtgaat	acacagttgg	tgtaacagcg	gattagccaa	agcagaaaac	180
aggtttgctg	gaaataacca	tattaaaaca	tgaagaccag	aaagaattgc	aatgcacaa	240
aacagcatta	gaccacaggg	agcatgattt	tataaaggto	taggccgggc	gcggtggctc	300
acgcagttaa	tcccagcact	ttgggaggcc	gaggcgggca	gatcacgagg	tca	353

<210> 881  
 <211> 360  
 <212> DNA  
 <213> Homo sapiens

<400> 881						
gttagaaggg	tcatacaagg	ctttatagaa	aggattttta	agatgagctt	ctatatatca	60
attaaaagaa	catttcagta	gaaacatggg	cgtatggtat	gataattacc	agaagacaaa	120
tgcaaataag	tgctgaacac	aggaaaaaaa	taatcaacct	ctccaataat	cagaaaaatt	180
gaagttaatc	atcattaact	gttgggggag	tagctacca	atttgataaa	aactcaaaaa	240
ttcgtaataa	ttcagaaatt	gagaatagcg	gccgggcgtg	gtggctcaca	cctgtaattc	300
tagcactttg	ggaggctgag	gcgggcagat	tacgtgaact	caaaagtctg	agaccaaccg	360

<210> 882  
 <211> 385  
 <212> DNA  
 <213> Homo sapiens

<400> 882  
 cggttgctgtc gggcaccgag cctattctgt cgcgttggtc ttatatacat acacggatga 60  
 cgaccatgag gacagtgggc atcaaacatt ttggattatg cgttattaat cccttatatc 120  
 actaaaatgc aacactgctg tggatgctat ccttaatatata tactgactta tagatgcagc 180  
 ccactcgaag ttttgtgcca gccttcttac ctatattaga caacgacttc aacagcgagg 240  
 ttgctaatagc cacgcaacca ccatgtgtta tgtagcctg cttggatcaa ttgtaattat 300  
 tactggaatt gaattaatta atatgatttt gaacagatca tgttcaaact aacatcctgt 360  
 aaagtagaca ctgtaaggag ttact 385

<210> 883  
 <211> 383  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(383)  
 <223> n = A,T,C or G

<400> 883  
 tacggttgcg agaatacgac agaagggatg tcaatgcaaa gccaggggt ggaagccaag 60  
 cgtgggcggc ctctgttcgc catcgggggt aagcctcctg tgttcgttca ctgccgtcgg 120  
 ggtgaacgcc atatgggcag gtgactgggt gctctcgaac ctccccgcca agccccaaaa 180  
 gccacataat taaatgcaat gtcgggggcg ggcacgggtg ctcacacctg tgatcccagc 240  
 gctttgggag gatcacctga ggtcaggagt tcaagaccag cctgggcaac atggtggaac 300  
 cccgtctcta cttaaaatac aaaaattagc tgggcgtggt ggctcacatc tgtaatccca 360  
 gcactttggg aggccgaggt ggn 383

<210> 884  
 <211> 357  
 <212> DNA  
 <213> Homo sapiens

<400> 884  
 attccccagc aagatagaga taatagcttc cacttgccctt ctcaaaacac acaaataaca 60  
 ttcagtatgt gacagtatta ttaaaccat tatgggtccaa tataatgaca cattaacgta 120  
 cctattttctc aggcagatta tgggatattt ggagcatgga actaagtact aatcatattt 180  
 tggggtttct ctgtattctc cccaacactt gagttggcac ataagatgtg ttacatagac 240  
 atttgttacg tgaatgattt gatccttaac taggggtggg acacaaaata ttccaataaa 300  
 gattatcgca aaattctctt aattcagtgc tgatttcttc ttcagatggc attgtta 357

<210> 885  
 <211> 356  
 <212> DNA  
 <213> Homo sapiens

<400> 885  
 aaattataga caagcacaaa gaaaatagat atgcgcttta attccaccac acagagataa 60  
 tctctgttaa tatttcagta tgttgttggg aatcaatata ccatcttttg tgcataatgca 120  
 gattcttatt ttgtaaacat gagacactat tatgctttct gtgttgtaac ctccctttttc 180  
 acttaatatata tcatgaacta ttttccaggt tattaaatat gtgacaaaaa tgtctttgat 240  
 tcttttataa ttttctgtca catactataa agctcctctg tgattttgca ataaattaac 300  
 ttgttttgtc actatacaga cgtaagcttt ttaaaaaaaa atcaactcct aatatg 356

<210> 886  
 <211> 357

<212> DNA  
<213> Homo sapiens

<400> 886  
cataataggt gctcagtatt tattgaagga aggaatggga aaaggaaaat tcattctgca 60  
agaacagtag aatcctactt tggccccacc ttattttatt tgtcacttga cctcagttat 120  
cacatctttc tgaccttggg ttgctgttag gtttattgtt aaaacatata ctaaatagtt 180  
tatattttaa cttgtaattg ttgtctagct ctggacaatt ggagggccgg gggggtgctc 240  
tcctatttag agaacacggg aatacgccgg gcgcgttggc tcacgcctgt aatcccagca 300  
ctttgggagg ccgaggcggg cggatcacga ggtcaggaga tcgagaccat cccggct 357

<210> 887  
<211> 357  
<212> DNA  
<213> Homo sapiens

<400> 887  
aggagaatca cttgaacccg ggaggtggag gctgcagtga gctgagatcg tgccactgca 60  
ctccagcctg ggcaacagag caggactccg tctcaaataa taataataaa acgtatatca 120  
ctaataacaa atagatgaga tttaatctct ttagatggga acaatccaat aaagtcctac 180  
aataatatag ggcaataaat tttggagagc tttaattact gtgcaagaaa aatattctag 240  
ttgaaatgaa gagtctcctt ggccgtgttc cgcacagcag agcaaaccgt cttctccatt 300  
cacatttctt ggagttaaga gcctggccta tgctgggcgt ggtggctcac acctgtg 357

<210> 888  
<211> 357  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(357)  
<223> n = A,T,C or G

<400> 888  
gggggtttcac catgctggcc agggtagtct caaacttctg acctcaagtg atccaccgcg 60  
ctcagcctcc caacgtgctg ggattacagg catgagccac cagcccagc ccctccctct 120  
attttataga catggaaaca gaggcatggg ggaagttaag tgattttgga tacactgcta 180  
aaaaccagtg tatctcaaat gcagtggaaa catggccttg cctcacagga ttaggactaa 240  
atgaagtgaa ggatgtaaag aggctagctc aggccagca catattaggc actcaagaag 300  
ggcaggtcct ccctccttct ggeatagggg aatgaaagat gaggtgaggc agggacn 357

<210> 889  
<211> 326  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(326)  
<223> n = A,T,C or G

<400> 889  
ctgggaatac aactgttcca gcaaaagggc ccctgtcttg ggaaggccca ggctgaggag 60  
gggaggatgg cccgacctta tgggacatag tcagagacta tgctttcaag cctccatggc 120  
ctcccttgca cggcagagaa gtgggtatag aaagtatggc cagggagccc agtggagacg 180  
gagctggcca gccaggaagg acctangtat tctgggcagg agggtgagaa gggctccctc 240



ctccaggcct	gcccgaggcg	cctcctgctc	caagctccgc	tagctgcccc	gggctccgct	300
agctgccttg	ttccccgcac	caccac				326

<210> 890  
 <211> 360  
 <212> DNA  
 <213> Homo sapiens

<400> 890						
atagatgaga	tttaatctct	ttagatggga	acaatccaat	aaagtcctac	aataatatag	60
ggcaataaat	tttggagagc	tttaattact	gtgcaagaaa	aatattctag	ttgaaatgaa	120
gagtcctcct	ggcctgtttc	cgcacagcag	agcaaaccgt	cttctccatt	cacatttctt	180
ggagtgtaaga	gcctggccta	ggctgggcgt	ggtggctcac	acctgtaatt	ccaacacttt	240
ggggggccaa	agggggtgga	tcacctgagg	tcaggagttt	gagatcagcc	tgggcaacac	300
agtgaaaccc	tgtctctaca	aaaaatacaa	atattagcca	cgtgtggtga	cacacgcctg	360

<210> 891  
 <211> 384  
 <212> DNA  
 <213> Homo sapiens

<400> 891						
tacgctgtta	tattacaaca	caaggggaac	tggctttctt	tgattagata	actccatgcc	60
atatctaatt	tttaaatgcc	ttgcatccac	acttatcaca	ccaaaataact	ttaacattct	120
ttaagtctta	attcttatct	cctcaagggt	ttgcgggaaa	gagggacagg	aataaccttt	180
cacctttgtc	tctgatgaca	gtcagcgcaa	aactacttta	tcattcccagc	agggaaggcc	240
aatacattcc	cagcaagtat	aatttctacc	agaacaactc	atgaaatgtg	gtaagaaata	300
gtgtgcgggc	gacttaagat	aatacttttt	aaaaaaaaat	agagaacaca	gtttttaaaaa	360
tctttctttt	taaaacgaga	tctg				384

<210> 892  
 <211> 355  
 <212> DNA  
 <213> Homo sapiens

<400> 892						
attcctacca	agtgacaaaa	aaatctcaag	agagttatca	agagagggaa	aaagagagaa	60
aacactaatc	agcagtgaac	caattcctct	catatgtatg	taaatagata	aatcagtgta	120
taatgttaaa	taatgatgca	gcaattaaaa	aattttaaaaa	tagtctggga	ccaaaagaag	180
taggggattt	tgtcaaattc	aataaattga	ggtaggaaaa	ggaataaaaa	agtaaaaacc	240
ttttccaaag	gtaatttaga	gtgaagcagt	aaagatatatt	tacaagtttc	atcttttggg	300
cctgagggaa	ggcacatttg	tggaggagaa	atggtggcct	gtgttggttc	atgta	355

<210> 893  
 <211> 358  
 <212> DNA  
 <213> Homo sapiens

<400> 893						
tagaagcatt	tgtgccttga	aataaatctc	tctttgggga	atgagttata	tatacatccg	60
tgtgggggga	cctatgcaca	catactcaca	cgcgcatata	tattatgcat	tacagacaaa	120
atacatgggc	aaatccccaa	gcaggcagcc	cogagcttct	gggagggaa	gtgatccgcc	180
tgtagcttcc	aaaggacatt	taaagaatag	tgggaaggcc	atgcgcggtc	gttttttttg	240
acctgggccc	atgtgtgagc	gcgaagcgtg	atattattctt	cttacgtatg	aggtgggtctt	300
cgcaccttgg	ggccaaccgt	cttatgtttc	tgccgtttcg	ctttcccgctg	tatcttcg	358

<210> 894

<211> 355  
 <212> DNA  
 <213> Homo sapiens

<400> 894  
 ggtgcacatt attgaactcc tactgtatac taggatgaac aggagccagt ccttgccttt 60  
 gggaggccca ggaggtgatg aggaggacag acgagaaaca tgtatttttt tttaacctta 120  
 aaatctttta tcacttcaac atgtagattt caacattaaa agcgtccctg ctgggcaaca 180  
 agcagagtgc acaggttcct ggcagggcta agttcttggc gcatagccta cagggttgta 240  
 ggtcagaggc tgctgggagt cagcaagcac ttgtaattcg cagtgcctcc cctgcccact 300  
 caggggaggtg atgctggctg gctttaggga cccttcaggt ggggcagaac ccagg 355

<210> 895  
 <211> 331  
 <212> DNA  
 <213> Homo sapiens

<400> 895  
 gacatgatga aggcaggggc ccaagggagg aggctgtgag gctgtgaggc tcaagctgga 60  
 gtcttgtttc ctgcggtgcc tcaaccagga cccctgctcc tctcctccgg ctccagcaca 120  
 acgaagcctc cttcattaag taacacagttc cttaatgaat aaaggaaatg ggataaggaa 180  
 aaagaaacaa gaagaaaaac agacagaggt gcttttgcca ggcatattaga ctgattttcc 240  
 cgtttaattc tccaacctc cagaaatgaa ggattattcca gtctttgtca gagaggtgga 300  
 gcatcttgct gcagatccca cagcttgaaa a 331

<210> 896  
 <211> 381  
 <212> DNA  
 <213> Homo sapiens

<400> 896  
 cgttgtgtgc gggacaacct tcatttaaag gcactttggc ctttggccag agttcagcgg 60  
 gccacactca ggctggatgg gctgcagggc tgcaaatttg aaacagcaac aggtgctgac 120  
 aggccgagca gctggggaga gactggcaca aaggagtgca catgccctgg ccaaaggcg 180  
 caccacactc ccagctacag gggactgtgg accctaagtt aagggcgcct ttaaatattc 240  
 attctcggac ctcatatttg attcattatt ttatattcat ttccttaacc agggcctcac 300  
 aaatgggtatc agtttaggcc ctagaaagcc tgggccctgg ggctgggcgc ggtggctcat 360  
 gcctgtgggtc ccagcacttt g 381

<210> 897  
 <211> 353  
 <212> DNA  
 <213> Homo sapiens

<400> 897  
 tgggagagag ccatggtaga agtggatctt tcagccccgt caagtcttta catgactgca 60  
 tccctggtca acatcttgac agcaacctca aagacctga gcctgaacca cctagccaag 120  
 ttactctaca attcctaaac cacaaaaacg atgagatagt aaatgtttac tgctttaagt 180  
 tgctaatttt ggggataatg tgttacacaa caataaataa tacattaacc tgttatgggg 240  
 ttgaattgtc tccccaaaat gtgtggtgaa ttccataacc caagtacctc agaatgtgac 300  
 cttatttgga aataggatcg atgcacatgc aatgatttaa gatgcagtca tag 353

<210> 898  
 <211> 359  
 <212> DNA  
 <213> Homo sapiens

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<400> 898
caggcccaca ggcacccacc cccctgcctg acagttggcc taaagtcage ccacccacc      60
agagagagct gcgtatagcc tctggcctgc aagcacctgc cccaggattg acaactggta      120
aggtggcacc accccaccat agaaggttac cagcagcagc taccacatg tgcctgccct      180
tggccttata gccagcccca cctcaccaga gagagttgtg cacaactgtt ggacatttac      240
ccaaccctgg tttgacagcc agcttggaga tggccctgca ccacaggaag ggatcttgtg      300
cagcaaccaa gccatttatg tcttccttgg cctgagagca agcctggagg ggaccctac      359

```

```

<210> 899
<211> 327
<212> DNA
<213> Homo sapiens

```

```

<400> 899
atgactctct tcttttttca ctgctggtta ttatttgtaa ctcacagggc agaataacag      60
ctctagagct caatttatct ggaggagatt cagcacacct gcttctcttt ttccactggc      120
atggctcttg gtgcaaattt gtatttatgt aatagttaga aattaaacat cagcaccaac      180
agaaaaatat tcaacgcctt ttattaaaca tcaaaacaact ttgtcaatgg gaaaagctgc      240
cccaactgtt ttagatctta cctctcaaca ttgttgtcaa agtacctttc cactctctgg      300
tagtgtcttt gagaggggtt gtctatt                                     327

```

```

<210> 900
<211> 381
<212> DNA
<213> Homo sapiens

```

```

<400> 900
cgttgctgtc ggagacttcc caggaaggtc cagcgccctc tcagccttcg tactcagaac      60
aggcgatgat gggcctcagt aacctgagcc ccggtcctgg cccagccag gccgtgcctc      120
tcccagaggg gctgctccgc cagcggtaga gagaggagaa gaccctggaa gagcggcggg      180
gggagaggct ggagttcctt cagaggaaga aagcattcct gcggcatgtg aggaggagac      240
accgcatca catggccccc tatgctgttg ggaggggaagc cagaatctcc ccattagggg      300
acagaagtca gaatcgattc cgatgtgaat gtcgatactg ccagagccac aggccccaat      360
ctttctggga tocctggggg g                                     381

```

```

<210> 901
<211> 351
<212> DNA
<213> Homo sapiens

```

```

<400> 901
aacacattaa aagccacagt tcagggatat cagagctaga gaaaaactgt caaaaagcaa      60
atgcagagag ccttgaggtt atgtgtggaa taccacagag gaggaagtcc ttaatcagtt      120
atcttgcaaa gactcaacag aacctgggca taaaccaga cttgagcaaa cactaagaca      180
atggctcctg caagaactgt ctctctcaaa tatttgagat atgtcagata cagcagtgcc      240
tttcagaatg tgctaacat ccctaaagaa tttgaatatg ccactctttt tttctgattt      300
aaaatcttct tactgttgca aattaagaaa ttaaaaagat gtttaagatt t                                     351

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<210> 902
<211> 273
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(273)
<223> n = A,T,C or G

```

<400> 902

tatctctaac	accactatta	aggtacacca	gtgttaaggt	acattaataa	ctacacaaaa	60
ttttatttaa	agagaacact	tagcagccta	tgatagtttt	caataaaatg	ttgcctctct	120
ttcggattct	cactaacttt	tgttactatt	ctaaaagttt	gaatttgctg	gggtgtttat	180
tctgaggatt	atttaaccat	tgttctattt	ggcataaccc	tatttaatgg	tgcttagagc	240
tgaattacct	acagaaactg	tttctggtt	aan			273

<210> 903

<211> 386

<212> DNA

<213> Homo sapiens

<400> 903

cgttgctgtc	gggtcttgac	tgtagccag	ctcaggctgg	aactgctccc	tgtccccaag	60
ccagcctccc	tgtctctctt	caaagagtgt	gagtcctttt	aggtcctggg	gtgtggggac	120
acacctcctt	cctcctctgg	cccgagggt	tccgagcagg	agagcctgga	gaagtggggg	180
cactgtcggg	gctcctcggg	acacagacca	cgggacagat	gcgtggcctg	gccctggcat	240
ccatgggcaa	aggagagact	gagacacacc	gatgtgtcac	catggcccgg	tgcccagcct	300
tgcccagccc	ccagctgggg	gcagcacgga	gtcctcgcac	ggggaagtca	gtgtggggcg	360
tatgaggacc	aacagctggg	tcctgg				386

<210> 904

<211> 357

<212> DNA

<213> Homo sapiens

<400> 904

ggtgggcagc	caggcaccca	gcctgagccg	tgaccagagg	tccgagccat	agatgcagcc	60
ttggaatctc	agcctgcggc	gctggccctg	gtgccacact	tagcatgggg	gacgccaggc	120
tggagcagac	gccatcccaa	acaggcgctc	tgcccccggg	gactttggca	aggctgctgc	180
ctacgtgaaa	tgatggaaa	gtctaggctg	gccccaggct	ctttctggca	tggcctcagg	240
atcttggcag	gaggataaca	atgccaggag	ggggtgggct	gagtcagtgt	cctcctctca	300
tgggcctggc	tgcagtggtc	aggggcaggg	tggtcatttg	tgcgggcacc	ggtgccc	357

<210> 905

<211> 358

<212> DNA

<213> Homo sapiens

<400> 905

aagcagtcac	gtgattctaa	attcaccatt	acaccagtg	accactgagt	ctggaaacag	60
aatatatata	gcaatatcca	tgtataatat	acatttgcct	gtgcttctca	acttcgtggc	120
cacccttttt	atacaaacag	aaaagctcaa	agttggacaa	ctcttacctt	ccaacaattc	180
ctcaaaatca	tccacaaaga	actccttcag	tggagggcgc	tttggcctct	tcagggtgtt	240
cagaaactgg	tggaatttgg	aggacactct	gctgttcaca	gggacacctg	tcacgggaag	300
gacagaggaa	cactgaggcc	aggacacatc	tgaaaaaatg	gacacatggg	gaatggcc	358

<210> 906

<211> 360

<212> DNA

<213> Homo sapiens

<400> 906

agggtggtca	gcgatgctgg	ggagatgtaa	cctcagaaaa	gcaagattaa	gttatagcta	60
ttccacaggg	caccttcacg	caattagaag	aaagtgtccc	tccagaagat	gcagccccct	120
ccaagggcca	tgtcttgga	aattcatcag	cccttgata	aattataaaa	agtcaacttc	180

cctgggtaga	tgcagcccca	gaggtatatg	gctttgtgaa	gagccagatt	tcagcaccaa	240
ctggcctaca	gaactatatg	cgggtggccct	ggttgttttt	ttgttaccag	atacatagca	300
acttatcttg	tgtactttgt	cggctctctg	tagtgaaaca	tgggatttat	tcctaattta	360

<210> 907  
 <211> 382  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(382)  
 <223> n = A,T,C or G

<400> 907						
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ggggctccgt	ggcctggatt	gaatccgac	gggagccatg	agcgtggaca	aagctgagct	120
atgcgggtct	ctgctcacct	gggtaggctg	tggggcgggg	ctaggggaag	gtgagcgccc	180
gctcctcttg	cccgggatcc	ctggccctgg	ttcggtcagt	ctcttggtgc	tggggctggg	240
aggtgcgggg	tcgtcgactt	gctggaccgt	tggactctgg	cccagagcac	cgcccccgtc	300
acgtggcaag	tctgctgga	aaggacaggt	gaggccccgc	ccctctgtgg	ttggttcacc	360
gtgggcgagg	acacaggtga	an				382

<210> 908  
 <211> 381  
 <212> DNA  
 <213> Homo sapiens

<400> 908						
cgttgctgtc	gggcccccca	cagtgtctacc	ttgcttgaga	agatgaagct	caaggactct	60
ctctttgatc	tggatgggcc	caaagtggca	tctcctttgt	ccccacatc	cctgacacat	120
acctcccgcc	cccctgctgc	tcttaccccc	gtgccccttt	cccaggggga	cctctcccat	180
cctcctcgaa	agaaggaccg	aaagaaccga	aagttggggc	caggagctgg	ggctggcttt	240
ggggtgcttc	ggaggcctcg	gccaaactcct	ggggatgggg	aaaagagatc	tcgaatcaag	300
aagagcaaga	agcgggaagt	aaaaaaaggca	gaacgggggg	atagactccc	acctcctggg	360
cctccccagg	cacccccag	t				381

<210> 909  
 <211> 380  
 <212> DNA  
 <213> Homo sapiens

<400> 909						
cgttgctgtc	ggacaagaat	cccacccttg	gccctgacac	tggcccttgg	ggccttactg	60
aatcaccgca	agaacaagat	tcattgtggc	tttggactca	ccatcggtg	agccctcctg	120
gtccccgcct	tgcaaaccct	tccgattgca	actccatctc	cacctcccc	tgccacagag	180
gggagacctg	agccccctc	ccttcctctc	ccccttgtgg	gtcgggtggg	gacattagaa	240
aggagggaac	ccccacccc	aacatctgag	gaggggattc	tggaaactgaa	tggggcttcg	300
ggagtatgag	taccaggggc	ttcatgccc	gcgggcctgg	ggtcccggga	gggattgcac	360
aattgagagt	gacgcacgag					380

<210> 910  
 <211> 354  
 <212> DNA  
 <213> Homo sapiens

<400> 910

gaggagagtc	actacagaca	ccaagaatcc	attcaggcat	gtctttaact	tctacttccc	60
ggtactgcct	gccacaatth	tatcccttag	aaccagaaac	agctgggagc	agataaaaat	120
ttcttgggtt	atgagttccc	agatgatgct	gctggcctgc	ggactgtact	ttgtgaactt	180
atgctggagc	agatggatca	gaaaccccg	ccagaggatg	ctcaggaccc	atcaagcccc	240
cgagaggaag	gactcagacc	cccaacccca	ccaaattaaa	gcaggcaatg	gagaattata	300
ctgaagggat	tcttcggctg	ggcaaaaaca	tgattagatc	tgcatcttaa	agaa	354

<210> 911  
 <211> 333  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(333)  
 <223> n = A,T,C or G

cctcatttag	tgaacatcca	attcagaaga	aaaacaacag	tgaagacatt	atgtatttat	60
gcagactaca	aatctgatga	aagctatact	ccaagcaaga	cctcagtcag	agtaggaaat	120
aattttcaca	accttcaaga	aattcggcaa	cttgagttgg	tggaaccaag	tggttggtt	180
catgttcctt	taactgacaa	tcataagaag	ccaactcgta	cattcatgat	acagaatgct	240
gttctagcca	atcaccagaa	tggaagagac	acccatattga	gacaaattta	aatatacaca	300
ccaggtagaa	gagagctcca	ttggtaaatt	tcn			333

<210> 912  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

cggttgctgtc	gccccacact	ccccgttcta	gccagcaaca	tggatctcct	gtggatggct	60
gaagccaaga	tgcccagggt	tggaatggc	acctttctgc	tgtgcctgga	aaccatttac	120
cagaaagtga	cgggcaagga	gctgagatac	gagggcctga	tgggcaaacc	cagcatcctc	180
acttaccagt	atgccagagga	cctgatcagg	cgacaggcgg	agaggcgggg	ctgggccggc	240
cccattccga	agctctatgc	tgtgggtgat	aacctatgt	ctgacgtata	cggcgccaac	300
ctgttccacc	agtaacctga	gaaggcaacg	catgatgggg	cgccagaact	aggggcccgg	360
ggcacacggg	agcaacagcc	ctcacg				386

<210> 913  
 <211> 245  
 <212> DNA  
 <213> Homo sapiens

acagaaccac	ttcaactcct	tctttctctc	caagtgtaca	caatgtgaca	gggactgttt	60
ctcagaagac	atctccttca	ggtgaaacag	ctacctcatc	cctctgtagt	ggcacaacaa	120
catccatgat	gacatcagag	aagataacag	tgacaacctc	cacaggctcc	actcttgga	180
acccagggga	gacatcatca	gtacctgtta	ctggaagtct	tatgccagtc	acctcagcag	240
cotta						245

<210> 914  
 <211> 380  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(380)  
 <223> n = A,T,C or G

<400> 914  
 cggttgctgtc gggagcggatg agggctctgag acgggtgggag cgggttggtgtg aagatggagt 60  
 ttcccgaggg aaatgacaat tacctgacga tcacagggcc ttgcacccc ttctgtcag 120  
 gggccgagac attccataca ccaagcttgg gtgatgagga atttgaaatc ccacctatct 180  
 ccttggtatc tgatccctca ttggctgtct cagatgtggt tggccacttt gatgacctgg 240  
 cagacccttc ctcttcacag gatggcagtt tttcagccca gtatggggtc cagacattgg 300  
 acatgcctgt gggcatgacc catggcctga tggagcaggg cgggggggctc ctgagtgggg 360  
 gcttgacctat ggacttggan 380

<210> 915  
 <211> 164  
 <212> DNA  
 <213> Homo sapiens

<400> 915  
 cactgctttg taagtctttt cttatttttt catatgtaca tttgactttt ccagctaggg 60  
 tgtaagttcc ctaagggcag ggtgcatatt ttccatatgt tttggcacct atactaggcc 120  
 tgggtatata ggaagcaatt aataatatat gttaaggctg gggg 164

<210> 916  
 <211> 344  
 <212> DNA  
 <213> Homo sapiens

<400> 916  
 agctgggact acaggcgccc accaccacgc ctggctaatt tttttgtgtt tttagtaggg 60  
 acgggggtttc actgtgttga ccaggatgat ctccatcttc tgacctcgtg atccaccac 120  
 ctccggcctcc caaagtgtcg ggattacagg cataaaccat aaaccactgt gcccggcctc 180  
 tttttttttt tttttattcca tggagggacc tctcttttta ccaaaaattc cccccactgt 240  
 tgtcctgttc tattttttgtg acactccctg atctcgtgtc gctcgcgtta tccccgccc 300  
 cctgttttta attttttttg tagactccgc ctcacccctc cccg 344

<210> 917  
 <211> 346  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(346)  
 <223> n = A,T,C or G

<400> 917  
 catagaggag taattgggta attcctgtgt cttaggaag tctctctggc tcccaggagc 60  
 agcatactag acacagagga ccaagtagtg ggctcctagt atccttctgg tggccaaagc 120  
 cttcacagtg aaaatagata ggaagagcca cctcgccctgg ccgcatattt gtttttaaaa 180  
 ggctgggcat ggcttatgcc tgtaatggta gcacttcggg aggccgaagt aggaggatca 240  
 cttgagacaa ggagtttgag actagactgg gcaacatagt gagagcccat ctctacagaa 300  
 aaattttgta gggccgggag cggnggctca tgctgtaat cttagn 346

<210> 918  
 <211> 345  
 <212> DNA

<213> Homo sapiens

<400> 918

gacaaactgac	tgaaatttaa	aaataacttcc	caagtcacaca	tacagaccca	tgagccgagg	60
aggaagaatt	ataggctcaa	agtgtctgag	tacaatctct	aacaaatcat	cagctgacca	120
ctaagctata	tagatataga	tgttaccctt	gagaaccctg	gatgaaaaaa	taacaataac	180
tgagcagaga	catcagcagc	cacaaatcac	aggaaagaaa	gtttctaaag	ggctaaatca	240
tccaagcaga	caaaatatta	ccatcaacaa	ccagcaggga	aaaaaaatca	tcataatcca	300
gcgtagttaa	aatattattt	atcgtgtcca	gtgttcagg	aaaat		345

<210> 919

<211> 294

<212> DNA

<213> Homo sapiens

<400> 919

gctccccacc	cattcttcac	tgaacctcct	gctccagcct	ctgcctcctc	cattttgatg	60
tctagaatca	gggatccag	gatcatcacc	aaggctcatt	tcccagacag	atgtgctgag	120
gctgtagaaa	gtgcttttta	tttggttggg	agcttgtgca	taaatgagag	aggggctgca	180
catctgacgg	actataggtg	actcatgggt	gaaccggaac	aggacatcgg	ggagaagcca	240
gcagtcagaa	ttcagaaccc	caaagaaaat	gacttcattg	aaattgaact	gaag	294

<210> 920

<211> 375

<212> DNA

<213> Homo sapiens

<400> 920

tacggttgct	agaattcgac	agaaagggct	acaaaataat	caaaacaaat	cataataaaa	60
acggaagaaa	aaaatatatt	agcgttcctt	agactcttac	aatgtaattc	aaactgagtt	120
gtaatttcaa	tacacttctt	ctgttaatga	atgtgcagat	aactggttta	attttccatt	180
caataaaatt	ttcttataaa	gatgaaggaa	ggccatgcgt	ggtggctcac	acctgtaatc	240
ccagcacttt	gggagggcga	ggcgggtgga	tcacgaggtc	aagagttcga	gaccagcctg	300
gccaatatgg	tgaaaccccg	tctctactaa	aaatacaaaa	attagcttgg	cgtgggtggcg	360
tgcgctgta	gtccc					375

<210> 921

<211> 351

<212> DNA

<213> Homo sapiens

<400> 921

cagcacacaa	acagtggctt	atccaggtcc	atcatattat	tacaaaatta	ctattatcac	60
tattatgtaa	taactgtttg	cttaaaaacta	ttttgctttc	aatgtatttg	aaacactttg	120
cttatctaac	acattaaagc	tataaagtca	tataactttc	ctctccattt	cacaagacag	180
aagataagct	cagaagactg	gacctatgtt	gaatggtttg	gctaggatga	cagagtcagt	240
atgaggaaga	tcttggacct	aagtcttctc	tttatgtcac	tcttttatca	ctctgcattg	300
tcagttgtac	atacacatta	aattgagtg	tgacaatttg	ttaggagata	a	351

<210> 922

<211> 322

<212> DNA

<213> Homo sapiens

<400> 922

agctatatat	atacaacctg	caacaggagg	gtcgtagaac	ccagaagcat	tagtcctgga	60
ggacttctctg	aaagaggtga	gttttggtcta	agatcctgtc	aatgatgctg	gcatagacta	120



taagagagga	ggctggggcac	agtggctcat	gcctgtaatc	ccagcacttt	gagaggccaa	180
ggcaggcgga	tcacctgagg	tcaggagttc	gagaccaggc	tggccaacat	gaggaaacgc	240
tatctctact	aaaaataaaa	aaattagcca	ggcgtggtgg	tggacactta	taatcccaga	300
tactcgggag	gctgaggtag	ga				322

<210> 923  
 <211> 349  
 <212> DNA  
 <213> Homo sapiens

<400> 923						
gggacaaaga	gctacctggc	ctgtaatgtc	gatctttggt	gattgagaga	cccctgcgcc	60
caaagacatc	cctaaccctt	aggatttaac	cctcttcagt	caaacgtttc	cttaacccta	120
tcagcccatg	tttttctttt	cttggtgaaa	gctgagcact	tcataggctg	tttacaggct	180
cttctccaca	ggaaaatact	tcctccagga	caagaaccct	gtcttggttc	caaactttcc	240
caattataag	agtcaccttt	gcgcttggtt	aacctgcttc	cagggtgcttc	tcctgagggt	300
ttctgattca	gctagactgg	agggggggaa	ctgacgaggt	gggtgggtt		349

<210> 924  
 <211> 323  
 <212> DNA  
 <213> Homo sapiens

<400> 924						
aagacttcct	ctaaagtgga	actagcccaa	cctcggtgta	cccacctcga	agtctctttt	60
atatgttgag	tttctaatta	ttgatgctag	taccataaaa	tgaggataca	attatcatgg	120
cagccatgag	tgaaattttt	gtagaacagg	atttattaat	catctgtttt	actgttcaaa	180
aatctattag	ctaggacttt	ctgccatgtg	tataagcctg	atttgtggaa	taagagaagt	240
ttggaagagt	cactatatag	gaatcttcct	tttaagaggg	catatgtttc	taatacaggg	300
attttagctg	tattattttg	gtc				323

<210> 925  
 <211> 349  
 <212> DNA  
 <213> Homo sapiens

<400> 925						
catcatgttt	gccaggctgg	tctggaacta	ctgacctcag	atgatccacc	tgcctctgcc	60
tcccaaagtg	ctgggattac	aggcgtgagc	cattgcgccc	ggccttcctg	aagtaactca	120
tatctgcttt	gttttttatt	cagtgcacgc	tacgttgaaa	aaagtagtta	ctttctgata	180
gattccagta	ttcacaggat	ttaagcaata	aaaaattagc	aatattttta	ttgaatgctg	240
tcattttaca	aaataagaca	ttgaggtgca	cattatgggc	tagtttgggg	gaaaacggga	300
cttaaacaaa	ataagaaggg	ctggactggg	cattgggaat	aataaaaaa		349

<210> 926  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(293)  
 <223> n = A,T,C or G

<400> 926						
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aaaaaacctt	ggagggggtg	gaaaaaccca	aacaaaaaag	gcgggaaaaa	aaacccttaa	120

tttgaaaaat	tggaagcca	atggttta	at	tggaaccaat	aaaaaccgga	aaaaaacagg	180
taaaaaccac	cattggcttt	tttttaattt	taa	aaaggtcaa	gggggggggg	gggagggttt	240
taancannnn	caaccanaaa	aatngaggtt	ctc	cattagcc	gtgattttat	ttt	293

<210> 927  
 <211> 344  
 <212> DNA  
 <213> Homo sapiens

<400> 927							
attatat	tttt	tactg	tggatgacta	acacttatta	gtattctttt	ctgctgccac	60
gaacactgaa	agcttctttc	tgtctgggtc	ttggcaaagt	atgaaagtaa	ataattcttt		120
aaaatataca	tagtcagtcc	aagaaaaatcg	ggagacctca	attgagtttg	gagtcactga		180
tgtacttcac	atttacctta	gaaaactgat	ctagagtatc	aaagaaatta	aaaataatta		240
atttttagaa	tcacaatgca	gtataaatca	ttcaaccaa	ctccacactc	tagatggcca		300
ttaatttgca	agtgaagtag	gtcactggga	ctcttaatat	atag			344

<210> 928  
 <211> 346  
 <212> DNA  
 <213> Homo sapiens

<400> 928							
gttgcaagtga	gccgagatca	tgtcactgca	ctccagcctg	ggcaacagag	caagacactg		60
tctgcaaaaa	aaaagaaaaga	aaaaaaagaa	aacttgtaaa	agtaacaaat	gcattccact		120
ggattgctgg	tcattgttca	atgctcttat	aaaccaaagt	tatctacatt	ccttaaatta		180
acatttggtg	agaaactgag	caaataaaaag	gaattactgt	cattgtcatc	aatttcacat		240
tttaaaaaag	aaatttgaca	attactatat	tctctatatt	tttcaagaat	aatgaatttg		300
gagccggggca	tggtgggtca	tgectgtaat	cccaacactt	tgggag			346

<210> 929  
 <211> 291  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(291)  
 <223> n = A,T,C or G

<400> 929							
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cccaaaatgg	ggggaaaaaa	ttgctttttt	tggaaaaccc	ccaatgaaat	gggttttaaaa		120
aaaacccttt	tttggggaaa	ttagaaaggt	taccctttat	tttggccctt	ttttattttg		180
caaaaaacag	gggggggggg	gggtgctttt	tttttttttt	ttaggttttcg	gggggggggg		240
ggggagtttt	ttnnnnnnag	anncnccgng	acattttctat	ctatactatt	g		291

<210> 930  
 <211> 374  
 <212> DNA  
 <213> Homo sapiens

<400> 930							
tacggctgct	agaatacgac	agaaggggtg	caatggaaac	agagcgaacc	agtattgggtg		60
ttgggttaga	tgaggcccta	acaagaagtg	taaaggggta	ggctgtcatc	atcttaaaga		120
catttggttc	ttactctgtc	tccactgaag	cttgccaagg	actgatgttg	gcaaaacaaa		180
tctggtcagg	caagcaaggt	tatatataac	aattagaaga	ggtcaaccag	ggttttattt		240

caaaaacaaa tatttactgc acacccacat catgtcagac atggtactaa acagataaaa	300
cacataagca gacatgggtcc ctgctcttat agagcttcca ggaagcttat gaatttaatac	360
aaagactcaa gcc	374

<210> 931  
 <211> 347  
 <212> DNA  
 <213> Homo sapiens

<400> 931	
cggggctcac tgtgaacgaa ccactcatcc caagcgccgt gaagaacact gatatotgag	60
aacctctgtg atgctctggc tttatcttgt ccccttatca tctgaaatgc ttatggtacc	120
cgctccagtt gccttcatac tatgtatgca gggcagggtc aacatacgca aagtcaataa	180
atgtaaccca tcacataaac agagccaatg accaaaacca catgattatc tccatagatg	240
cagaaaaggc ctttgataaa attcaacaca acttcatgct aaaaactctc aataaactag	300
gtattgatgg aatgcacctc aaaataataa gaggtattca tgacaaa	347

<210> 932  
 <211> 351  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(351)  
 <223> n = A,T,C or G

<400> 932	
cgggtgcgtc tcttgttata ctctgtgaag cgagccagat ccaactttgc ctttgtgctt	60
atgtgtcagt ctctgctctt tgatgggtcac gcctatatgt tgtccagact ctgttttatt	120
taatctgtga gttttctttc taaaaacata ttctatatcc cgttcaaga gtggagctaa	180
cttcacagga tttgggaaaa ttctgattat tctagcccat acacagaatg cccaggacaa	240
ggaagacacc acttctctga ggaattgtgc caagaatata agtcggtgaa gtcagcatgc	300
acatggtgaa tgtttacaat gtgccaggta ctttcatata ctattctatt n	351

<210> 933  
 <211> 374  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(374)  
 <223> n = A,T,C or G

<400> 933	
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tacctttgac tggaattaca cacacacaca cacacacaca catacataca cacacacaca	120
tacacacaca cacactatgg ctttcccaca aagccatgat gcatecttaa aaataacaca	180
cagctctgaa aagtgaatgt cgggggtgaa gagagccctc ctacactcct tttcctagt	240
atgacaagggt tgtgggggca tggctgactg tgaggagcan aagatgagag ggagatatca	300
ttttacttct ttgcactgcn ataataaaaa gaacagatat aatggaagga agaggccagg	360
ggcagtggct tata	374

<210> 934  
 <211> 344  
 <212> DNA

<213> Homo sapiens

<400> 934

tatattaatc	tagtctatct	tagaacaagt	taaatagtat	atgtacttgt	aataacttgt	60
gcctacatat	gttagttttg	tctattaatt	tttctgttaa	aaagaatatg	cattgaaatg	120
agatggaaaa	caaaatgaag	agtgcctaaa	aaattaaata	ttttagaagg	atcaatatcc	180
taagggttgt	gggtaatfff	ttcctacttt	ctaaaacttc	agattccctt	caactactta	240
aggttgtagt	accattaatg	caatgttttc	tgggagtgc	agatttgcaa	atgaattaat	300
aacagctaga	agcctcacta	tttgactttt	tataacattc	tttg		344

<210> 935

<211> 351

<212> DNA

<213> Homo sapiens

<400> 935

tagcagtagt	agtagctacc	tcaaaggact	gtagtgagga	gtaaagttac	atacaaagca	60
cacagaactg	cacctagctc	agagtatgta	taataaaagt	attagcta	attactgtag	120
tggaaaactc	ccttaattca	agtgattgta	ccttttttac	tcaaatacct	cctcctcacc	180
ctgcatctcc	tgtggctcca	tgaaatcaag	gcctgcccc	gaacagtctc	tgtgccaaga	240
cagcttttag	ctcaccacac	ccactttatt	tacagataaa	ttctgacata	cagatgtggg	300
tttcaacctt	ggttcctgtg	tcctcaacca	aaagataagc	ttttcagggg	g	351

<210> 936

<211> 345

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(345)

<223> n = A,T,C or G

<400> 936

ctgtcgccca	ggctggagta	tagttgcgcc	atctcagctc	actgcaacct	ccacctcctg	60
ggttcaagca	attgtcctgc	ctcagcctcc	caagtagctg	ggactatagg	catgtgccac	120
catacctggc	taattttttt	tatttttagt	agagacagga	tttcactatg	ttggccaggc	180
tggnnntncaa	ctcctgacct	cangnnnatc	ctntnacccc	cctccctctc	tttttttcac	240
cacaatttac	tctcaccatt	cccctccttt	taaatatata	aaacaaaaat	ctcaactccc	300
cttaaccaat	ccatttcctt	tcaattaata	aattgccaac	aacct		345

<210> 937

<211> 273

<212> DNA

<213> Homo sapiens

<400> 937

agaaggggttt	catatgggga	tgaggagatg	tagtttttat	cttttttctg	taagaaattg	60
gtggccttca	ggttttttct	tacttcttaa	tgtggagtgg	tcttatcg	gtctttttct	120
ctggctcacat	atftatactt	tttgtgtgtg	tgtgtgtgtg	tgtgtgtgtg	tgtgtgtgtg	180
tgtgtgagac	aagggctctc	ctctgttccc	caggctggag	cgcaggggtg	tgatctcata	240
ttgtgcaacc	tctgactccc	aggttcagag	tgg			273

<210> 938

<211> 345

<212> DNA

<213> Homo sapiens

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<400> 938
actgcgcgcg gcctagctgg aaactttcct gccaggtata tcagtcatat ttctcagcct      60
cactagcatc aggatgtggc catgtttctg gctaattgga tgtcaacgga tatgttcagt      120
gggacttcct agaagcttcc tttaaaggga gcagacaggc cagaggaggt gcctcatgac      180
tagaatccca gcactttggg aggctgagct gggaggatca cttgaggcca ggagtttgag      240
accagcctgg gcaacatagt aagacaccat ctttacaaaa tataaatttt ttcttttttt      300
tttttggaat taaagtctcg ttttgcccc caggctgaag ggcag                        345

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<210> 939
<211> 325
<212> DNA
<213> Homo sapiens

```

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<400> 939
gcaacatagt gagacctcat ctctacaaaa atagtaaaaa ttaaccagtt gtgatggcca      60
gtgcctgtag tcccagcgac tcaggaggct gaggtggttg gattgcttga gcctggaagg      120
tcaaggctgc agtgagccat gattgtgcca ctgcactgta gcctgggcga cagagtgaga      180
ccccgtctca aaaaataaaa aaaaattgtg ttttcaattc attgggagct gaactagcat      240
gccaaatata ccttagtaat tgttttatca cgataattat gataataaat tttgttttac      300
agaggcaacg gttcagaata ttctct                                325

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```

<210> 940
<211> 352
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(352)
<223> n = A,T,C or G

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<400> 940
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tctcctccat taaagaagac tataaaagta ctacaaaagg ttttggtaaa cgattcctta      120
ggaagagttc tttgtttctt ttcttctctt tcaagtgtac aacaggatgg tcagcaagtc      180
taatcctgct gatcgtaagg cctttaatga gacatagggc agcaggtagt ctagatttca      240
aaaggtagat actatttagg gcttcataga ctacagagtca aacctagaat ttgattgtct      300
aatgtatgag tatctagggt aattcataaa aagtggacaa ttctcccagg an                352

```

```

<210> 941
<211> 349
<212> DNA
<213> Homo sapiens

```

```

<400> 941
aggacaataa atgaaaacta ggactctccc aggctaacta aaacataaca gttagttttac      60
agatagctac ataggaattc caagaaaaac tcagtttggg ttgtcagaga atggtttgga      120
ggaaatcaaa gggctacaat ttataaatgg gaaagttaca agtaaatgta gaggcaagaa      180
tcttgaaatg aacatgtgaa aatacaccta gaaggaatat gttagaatgg gaataaatgt      240
ggctaacatc taaaactggg ctttagaact aaaggagtta agacattttt atagaattca      300
gtcttttggg ctccataaaa aatgaggccg gccgggtaca gtgggtcac                    349

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<210> 942
<211> 347
<212> DNA
<213> Homo sapiens

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<400> 942  
aactgacttc caagaacaaa ttgttaaaac tttaacagaa aaaccagtta aaggcgctca 60  
tcaagagagt ccttttcatt tggatataat ccaaaactat gaaaatacct tttgtattat 120  
gtgcatgcag aaaattaaga atttattcaa tttgcagaaa taaatcagtg atataatgga 180  
aacatttaaa attttatctc tggaaaataa tccaaaatca tctatcaaaa attataggcc 240  
gggcgcagtg gctcacgcct ctaatcccag cactttggga ggccgaggtg gatggatcac 300  
ctgaggtcag gagttcgaga ccagcctgac caacgtggag aaacccc 347

<210> 943  
<211> 345  
<212> DNA  
<213> Homo sapiens

<400> 943  
aacaatataa ttacattgta gtgtcttcta aatcccttat tatacaataa atcttctgct 60  
tccaaatcat ttttatatag tatgctattt taatgaaata ctttttagaga atcaaagaac 120  
actggagcta gataggactt taaagattat cgaacaaaac cattcatttt aaggtatatt 180  
ggaaacttca tctcacaaaa tcacgaaaaa ccccaattca gcaagtcaag tttcagttat 240  
cctttagata cctttctaag gagaaagaac ctgcagcaga tgacagaaat tgtagaatac 300  
tacctcacat ctgaataaga attttaaaaa tttccaagca ctttt 345

<210> 944  
<211> 352  
<212> DNA  
<213> Homo sapiens

<400> 944  
atagatgaga ggtaatgtct ttacatggga acaatccaat aaagtcctac aataatatag 60  
ggcaataaat tttggagagc ttttaattact gtgcaagaaa aatattctag ttgaaatgaa 120  
gagtcctcctt ggctgttttc cgcacagcag agcaaaccgt cttctccatt cacatttctt 180  
ggagttaaga gcctggccta ggctgggcgt ggtggctcac acctgtaatt ccaacacttt 240  
ggggggccaa agtgggtgga tcacctgaag tcaggagttt gatatatcac tgggcaatac 300  
aatgaaacac tgtgtctaca atatattcaa gaattatcca cgtgtgggta cg 352

<210> 945  
<211> 353  
<212> DNA  
<213> Homo sapiens

<400> 945  
cgggtaactc acagggcaga ctaccagctc tagagctcaa tttatctgga ggagattcaa 60  
cacacctgct tctctttttc cactggcatg gctcttggtg cgaatttgta tttatgtaag 120  
aggtagaaag tacacatcat caccaccaga aaaatattcg acgcccttta ttaaaccatca 180  
cacaactttg tcaatgggaa aagctgcccc aactgtttta gatcttacct ctcaacattg 240  
ttgtcaaagt acctttccac tctctggtag tgtctttgag agggtttgtc tattggactt 300  
aaaactacat acacaaaggt aagataaagg ttattttacac agccaatctt aga 353

<210> 946  
<211> 347  
<212> DNA  
<213> Homo sapiens

<400> 946  
tctgagaatt ttctataaca caaactcctt aacttcctgg tgggtaatgt tttctgggtg 60  
ttttttctgt tttctgtttt ttttgttgcc atttcttctt tagtaaaatg aaaattgcaa 120  
gtagaaaaga aactaaaaat ggatttagtg tgaggacagg ttcctttttc tggcaggatt 180

gtagaacact	ggtattcagt	tgactgttta	caatgaatat	atcttctggt	tggtcatggc	240
cagaagagaa	aatgtcattg	gtttgtgccc	aagcaaattg	attattaaaa	tacgttgaat	300
atgaccccat	ggttgcaaac	atcccttttc	ttagtaattc	ttagaga		347

<210> 947  
 <211> 345  
 <212> DNA  
 <213> Homo sapiens

<400> 947						
tttggatttg	ccgttattat	tgttggttaa	ctgactaaaa	tcatacatgg	aataatagaa	60
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ttttgtcagt	tcactacaca	atgtgacagt	atatagtttc	tctaatagag	taacattaaa	180
gaggacatat	aataatacca	aaaatttgag	ttccagataa	gtttggtgtc	tcactagcaa	240
gatgacgtta	aataactcat	ttaatttttt	tgaaatctta	attttctggt	ctgtaaaata	300
aaaagcaatc	tgtctcttgt	ccaaaagact	atgtaggttt	tttaa		345

<210> 948  
 <211> 348  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(348)  
 <223> n = A,T,C or G

<400> 948						
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ttttttaagc	agaatatgag	aacacctaag	tattctcttc	atagcagttc	ctataaaggg	180
attaaacact	tatttctgtg	ttatggntct	tattcatata	tttttatagc	accttttttt	240
ggaacctata	tttgtgcttg	aagggtgttt	tgatatttgg	aaacagtata	agccatttgg	300
agtcattgatt	ggtgggcaag	tggattcaag	ctaaaatact	aagaccan		348

<210> 949  
 <211> 318  
 <212> DNA  
 <213> Homo sapiens

<400> 949						
gtcatcaaca	tcctcattgt	catggcaa	tgtgagttaa	tctttgccag	cgtcagatag	60
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tgccatctga	catgagacaa	aatcagagta	gattaagata	gtggtcttaa	ctgaatgtag	180
ataaagtatg	ctacttgtgc	aaatttttca	gaaatatatg	accatatgaa	catgttgctg	240
aggccttgcc	aggccttgaa	aggggcctgt	gcaagtggag	ggcacagaga	ttaagtttta	300
ttagcttctc	agagattc					318

<210> 950  
 <211> 351  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(351)  
 <223> n = A,T,C or G

<400> 950  
 cggggagcca ctttgacaac gtcctgtgac catgctgac catgacctgc tgataaggat 60  
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 cgacacctgc taattgtcat attatttaga ggaagaccaa ttgtctcaa agcccatctc 180  
 ttgctttgag tgggtggttc cagcaattat aggagcaggt ctgatggcca ttccagcaac 240  
 aacaatgtcc ttgacagcaa gaaaaagagc gtgctgcaac aacagaactg gaatgtttct 300  
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<210> 951  
 <211> 348  
 <212> DNA  
 <213> Homo sapiens

<400> 951  
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 gaagattttg attcatttca caggaataa cactcaccta ccattgcttaa attaccgtac 180  
 atattgtgag actttattga tcataaataa gttactctca accttgagat ctggcttcaa 240  
 ttttctggat tctcattctt tctcctttat atcagaagct tcataataga caatgggggc 300  
 aaatatgggtg tggagaaata atcagtttat atttagatat ttttaatg 348

<210> 952  
 <211> 324  
 <212> DNA  
 <213> Homo sapiens

<400> 952  
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 ctcaactcaga catgatccat gcacacacac aacttgagc atgatgcgca catatatacc 180  
 acacaaatat acaccatgtg cacacacacc acacacacat ataccatgca cacacaaaca 240  
 caaagacaca tcatgtacac agacactcaa acatatgccg tgcatacaca tacacatcac 300  
 acactcaaat atacaccatg ttca 324

<210> 953  
 <211> 373  
 <212> DNA  
 <213> Homo sapiens

<400> 953  
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 gccccgcgca gctaaattcc ggcgaggagg cgagctggca ggccggctcc tccactctg 120  
 ggcagcgggg tcccgcgtcc cctccccac tatttggcag cgtctggggg tctggggcag 180  
 ctctgttcat tcacccgggg gagttgggtt tccgggaagg gtcggaagct cctccctcgc 240  
 ttcttgagg gtaatggggg ggtgcctttg actccggggg tggaaaagcg accccacatt 300  
 caaggacgcc aatggcatgt tgagctttcc caatctaaac caggtgcgtg gagggaagca 360  
 agtgcttact ccc 373

<210> 954  
 <211> 379  
 <212> DNA  
 <213> Homo sapiens

<400> 954  
 cgttgctgtc gaaagacttg gagaagattg ctcccaaaga gaaaggcatt actgctatgt 60  
 cagtaaaaga agtccttcaa agcttagttg atgatggtat ggttgactgt gagaggatcg 120



gaacttctaa	ttattattgg	gcttttccaa	gtaaagctct	tcattgcaagg	aaacataagt	180
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gcattgagaa	agctaaaatt	ggccgatgtg	aaacggaaga	ggaaccagg	ctagcaaaaag	300
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actgtgatcc	gcaagttgg					379

<210> 955  
 <211> 347  
 <212> DNA  
 <213> Homo sapiens

<400> 955	
ggtcggcgac	60
aaaagtatgg	120
gaagtaaaaa	180
tacaagaaac	240
gaaggaaaaag	300
ctcaaagagt	347

<210> 956  
 <211> 337  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(337)  
 <223> n = A,T,C or G

<400> 956	
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caaactaaca	120
aagaaaaaga	180
tctcctgctt	240
atttttgtat	300
ctgacctcaa	337

<210> 957  
 <211> 339  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(339)  
 <223> n = A,T,C or G

<400> 957	
ggaaagctga	60
ttaacggggg	120
ccgagaaaaac	180
ccaaccaaatt	240
cccaaattcaa	300
ccaattcaaa	339

<210> 958  
 <211> 206

<212> DNA  
<213> Homo sapiens

<400> 958  
cccagggacc acagtttggga tatgcttggc atagttgcta aaaatgtatt gagtgataca 60  
gtttagcattt gtgcgcttta tctagccagg ctctctagct tttgtttttg aaacacgtat 120  
gcagtggttt gtaacacaca ttgggatttt tcaaggacaa tttttaaaaa ttactgtttg 180  
ttggacaggc gcggtggctc atgcct 206

<210> 959  
<211> 338  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(338)  
<223> n = A,T,C or G

<400> 959  
gctgggcagg ggtaaagtaa ggtaaaatag agatcaggcc tgcagaatcc ctgcgaagac 60  
aaaaccactt agtgaactca acctttcttg atttgcaaac ctaaggaaaa ctttaacttga 120  
gctaactctt acaaatgcct gtattacaga aaaacagagc ttaagctcaa ccaatcagag 180  
gtagccaaca aactttcata attaggaacc ttcataggag atcaatcaaa taaggcaatt 240  
gtgtaattat atccaatcaa atgtttgctt tgctttacct ctgtttctgt cttataaagg 300  
cctccccata gattcccttg gtggagttcc tgaaccan 338

<210> 960  
<211> 343  
<212> DNA  
<213> Homo sapiens

<400> 960  
tctccaatga aggtactttt gctaagggtgt gtgaagatac ctggtgctgg gatcaggaga 60  
catgaaaaaa ctaagaaaaa aaatactgag aaaagttttc aatagctttg taagccttca 120  
gaatgtaaag tacattaaga aataaaaaact taaatgcagt gggtagaaaac atggcaaatac 180  
tgaaagctaa acctgactaa ggctatcaac ctgccatgtg ctaaaaacaa atgtactcac 240  
tcagaaaaac tgaaagaggt actacatacc tattaataca gctaaattta aacagtgata 300  
atactaaatg ccgacaagta tgcaaaagaaa ctggacttct cat 343

<210> 961  
<211> 341  
<212> DNA  
<213> Homo sapiens

<400> 961  
tgcacccgga aggtggaggt tgcagtgagc tgaaatcaca ccattgcact ccagcctggg 60  
tgacagagtg agactctatc taacaaaaaa aagaaaagaa aaagaaaatt tcttttccta 120  
gtttatttga aattatttta ttaaaagggg atggagaatt aattgtatca tcaaaaaaat 180  
atctttttaa aaaaaaggtt tcacaggagc catccatctc aaaaaagcag ggaaaaaaa 240  
tatgagactt tcaatattaa aaatgaccaa atattaagat tggttctctc ctctttcttt 300  
tcattaactg acgctaacca ttagaggaga ggtgactcta g 341

<210> 962  
<211> 202  
<212> DNA  
<213> Homo sapiens

<400> 962  
 ttagatgatg gatatctaga ggtgtattat atcattggct ctatcttgta tgtttgaagt 60  
 ttccatagta taaaacttag gaaagttaat ttaaacagac aaatacccca tcatgaaaat 120  
 ggataatcaa aaggaactct tgataatgaa agaactaaaa gtggccagat gttttcaaat 180  
 gcttagcttt actactaatt ct 202

<210> 963  
 <211> 339  
 <212> DNA  
 <213> Homo sapiens

<400> 963  
 cctggatgac agagcaagac tctgtctcaa aaaaaaaaaa aaatcttttt ttagccccctt 60  
 tgtggtgaac cttcaaacc cctaaaaaaaa agagaagatt tttttgttgg ttggtttctg 120  
 aaacagagcc taactttgcc gtccaggctg aaggactttg aacacttctg gtttttttta 180  
 aactgttacc accaggtgtc tacaactgct gacccactg tgggtttaaat tctattcaaa 240  
 acagacatcg gaggtctctga ggctgatctc atgtgccccg tgagaacatt tggaatttga 300  
 ggaagaggag actggccttg gtatgccttg ccatcacct 339

<210> 964  
 <211> 342  
 <212> DNA  
 <213> Homo sapiens

<400> 964  
 acatggtacc taagatacta gaatacattt ataaatattt gttgaggaac taattataaa 60  
 gactattcca ggtgcttttag gggttcagcca caacctatta taagtaatac ctattataag 120  
 tgggtgcttg taatagatat taccatatta tctaagcact cactttaata ctattgttc 180  
 tgggtctcac ctgatgttat gatatgaatc tttttagcta tactctgac cagaagatca 240  
 catgattagc atcaatttct aaggacagta ataaacttga tagttctgag caaatacata 300  
 cactacagaa taggcattca acaaatattt attggctgcc ta 342

<210> 965  
 <211> 309  
 <212> DNA  
 <213> Homo sapiens

<400> 965  
 gtgggagctg agggcaggga tcaggcctgg aggggaagcag gcccagaggt gggcaccaag 60  
 gaggagatgg agggagcttt gtcccatttc tctctgagtc ttggcccat cttggaaacc 120  
 tggccccaga ctgccattct tgaatatgtg ataattactg ctataattgg tggagcccct 180  
 gcaaggggct tcatactttg cctcacttaa ctttcacaac tactagaaga gcgaggccct 240  
 cttatctctg ctttcagatt aaggaagggg gatgcagggt gatgaaatca cttgtccagg 300  
 ctgggggca 309

<210> 966  
 <211> 336  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(336)  
 <223> n = A,T,C or G

<400> 966

tttgtat	ttt	taata	gagat	agg	ttttcgc	catg	ttgggc	agg	ctgggtct	cga	acccctg	60
acctt	gtgat	ctgc	ctgcct	cgg	cctccca	acaga	gcag	cct	gatgagc	cct	ccccgta	120
agaaa	ctgct	gaaat	gttgg	ggc	ggctgta	tgt	ttttgtt	ata	aggaaaa	ggta	acattt	180
gtgga	aggca	gtact	tcaca	gtg	atacatt	taat	gggtgc	atatt	caaat	ctcaa	atgag	240
attact	agta	atctag	agca	ggt	gtttctt	atccc	agaaa	gtt	cttaaag	ttct	cagaat	300
tagtt	ctctt	gagaca	agag	ccat	at	ttttc	ctgtan					336

<210> 967  
 <211> 339  
 <212> DNA  
 <213> Homo sapiens

ttttgcag	ta	tgtgc	atgca	ttttct	at	ttc	acaaaa	aatga	aatt	ttttta	aaa	agggggc	60
agtact	tagc	acaat	gccta	gcagt	gggtg	cggt	gggtg	gatag	ccttt	ctgc	cagctct	120	
gggcag	atga	ttcact	gcag	aaat	gcagcc	cagag	at	tagag	gctgg	ccatag	cctc	180	
cagact	gtcc	tcctag	cctc	tcggt	ctccc	ttctt	cattc	tatat	gatcc	atgtt	tcccc	240	
atcgga	gaat	ctttgc	attt	tagag	atgta	aagg	gggttc	agatt	tttcta	gtgca	actgt	300	
tttaac	gggtg	aagaaa	actaa	gcccc	caaaa	gatg	ccatt					339	

<210> 968  
 <211> 340  
 <212> DNA  
 <213> Homo sapiens

ggacact	gga	ccaaat	gtct	gatcag	ctca	tcacatt	gtc	cacat	gaaat	ggacc	gtctt	60
cctcag	ttca	aaataat	caa	atgatag	atg	gagaatt	ctg	aaagt	tagga	gctaca	acta	120
tttga	aataa	aactct	tagtt	acatatt	tga	accgtt	caag	gtagg	ttgtt	taaaag	cagt	180
ttgtt	cacaa	acaggt	atat	acacag	taga	gtaaatt	ttgt	tatttt	tagca	aacgtt	tatt	240
tagctc	atgc	tgattt	aatg	agggtt	ccctt	tcata	gatact	taata	gttat	aagaac	attt	300
tttac	gattt	tatagt	ttaa	catttt	ctttt	gcata	ccttg					340

<210> 969  
 <211> 337  
 <212> DNA  
 <213> Homo sapiens

cgattt	ctctt	gcctcag	cct	cccaag	tagc	tgggact	tatt	tttgtat	ttt	tgtatt	ttttc	60
taattt	ttgta	tttttag	tag	agatg	gggggt	tcaccat	gtt	ggccag	gctg	ttctc	aaact	120
cctga	cctca	ggtgat	ccac	ccatct	cgcac	ctcccaa	agt	gttggg	ctta	taggt	gtgag	180
ccactg	cacc	cgaccg	cctc	catcatt	ttta	tattac	cttc	agcaac	gctgt	ggggg	atgcc	240
ctg	tttgca	ttgctt	atca	acactag	ata	cttgctt	tatt	ttatta	aacgc	tatat	gagag	300
ggtcag	gtg	accggc	attt	ttaccg	cct	aagat	cc					337

<210> 970  
 <211> 338  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(338)  
 <223> n = A,T,C or G  
 <400> 970

tgaccttttg	atcccatcat	gggactgttc	cccagcccta	ggccaactgga	atgggggggaa	60
atagaaccct	ccttttccttg	ttcccaactct	tgttttctttt	gaacatgggt	tacctccctt	120
cgcgtctttt	ggaacagaag	gggatcataa	gctcttgagt	ctctgttttc	tgctgtcatc	180
tactcttcct	gcctctggca	cctcccagct	cctgacttcc	tcctgcttcc	ccctggagcc	240
agagacgtgg	ctgggaagag	cccctggcct	ttgaagccag	tggtgggtgg	gaccaggggc	300
aacaggccac	tgtgctcctg	gatgcgtggt	ctgccagn			338

<210> 971  
 <211> 340  
 <212> DNA  
 <213> Homo sapiens

<400> 971						
gaataaatca	acatcagagt	tttataaatc	agagtgtctt	tgtactctac	aaattagtat	60
gcttaataata	caacttgaag	tccttcagag	aaaatattaa	acagaaatgc	cttctaccca	120
gagatatgaa	tgtgcctttg	caataataaa	gaagagacta	aaaattgtat	agcaatacct	180
agtatctgac	caatacatta	tttcacaaaa	ataataaagt	atcttgcac	atacatggaa	240
gacagtgact	tattcctgaa	tctactatat	ctacagactt	tcttgtacca	aatatttact	300
ataagtacat	acaactatgg	aaaatgctat	gctatgcctt			340

<210> 972  
 <211> 341  
 <212> DNA  
 <213> Homo sapiens

<400> 972						
atttaccgat	aggtgtggga	gggcaaccaa	cattttattc	tatacccttt	tatgcttttt	60
gttgtttgaa	ctatgtccag	gtgttatatc	tattaaaata	gtatgaattc	aatggcttac	120
tctaagggaag	accatgatca	ccagcatatg	agaggcagac	gaaacgctat	ccacagcaag	180
atgaacacct	acacagcagg	gagaacatgg	gaggattcaa	ggtggtaaga	aaattttaata	240
caagtctagg	cctgggtgtg	cggctcacgc	ctgtaatccc	agcactttgg	gaggctgggg	300
cgggtagggtg	acctgaggtc	aggagccaag	accagcctgg	c		341

<210> 973  
 <211> 342  
 <212> DNA  
 <213> Homo sapiens

<400> 973						
ttttcttgat	gtctcataac	ttctcctttc	tcttcccaca	ttccgaaaat	cctcctatcc	60
taaccttgct	acatgaatgg	taactgcttg	aacacttggt	attggaatga	ctgattttaa	120
aagcccagtt	ttgaggtagg	gcgcagtggt	tcacgcctat	aatcccagca	ctttgggagg	180
ccaaggcggg	cagaacacga	ggtcaggaga	tcgagaccaa	cctggctaac	atggtgaaac	240
cccgctctcta	ctaaaaatac	aaaaaattaa	cctggcgtgg	tggcgggcgc	ctgtagtccc	300
agctacttgg	gaggctgagg	tgggagaaatg	gcgtgaaccc	ag		342

<210> 974  
 <211> 339  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(339)  
 <223> n = A,T,C or G

<400> 974

actaagcaca	attagaaatg	tcttggttta	tatatcttct	cccatgcttt	ctgtctctac	60
aaccagaata	taagcttcag	aacaagagta	ttcaaactcg	gtgtgtttat	ccccagactc	120
acaacactgg	gtccagagca	ggctcctcag	agatgtttat	aaatatcagg	atgtattaca	180
tatattaact	ttttatgagt	agttattatt	tattatattc	cacttagata	tggaattatt	240
acttcaggtg	gtagctgact	tgtactggaa	aagtgactga	gcccactct	aatgctaattg	300
ttaattggat	ttatatgaag	tttctttggt	ttaattgcn			339

<210> 975

<211> 341

<212> DNA

<213> Homo sapiens

<400> 975

cctatcacac	ccattcataa	agatcttgcg	taggtgattt	gggtttacca	tttttgtcta	60
aacttttctc	catgtgagtt	ctggataatg	gactccgatt	tttttaaaaa	tggtaaaact	120
aattgaacat	atcagtcatt	tgtagttgga	gaaaaaattg	acttgctttc	tatatgttaa	180
gtctagacca	ttttgccctc	tttgtaaaat	gtgatttggt	tttgtatatg	tttagtaatt	240
ttatgagcta	tttataactt	actgggaatg	atcagagAAC	agggttcttt	tttttttttt	300
taaaagggtt	ttggcctggc	gcacaagtct	cacaccttaa	t		341

<210> 976

<211> 310

<212> DNA

<213> Homo sapiens

<400> 976

tgcacatcat	ttctaggaag	acagttgtct	atgtatgggtg	atttcactgc	tcaccattat	60
agaaatgaaa	ctaactgcag	aaggtagaca	gcctaaatgg	gagtagctct	gccaagtgtg	120
tgagctttta	aaaaaatgta	tacaattttt	ttggcttttc	taattcatac	taatgattct	180
aaattacaaa	gagaagccat	tctgcttcag	attttggaat	tgagtcta	gttaactaaa	240
aacctgtgac	ctgatgagga	ttttgataac	tcctctacca	tatttgttta	cctggctcta	300
tttcgaataa						310

<210> 977

<211> 342

<212> DNA

<213> Homo sapiens

<400> 977

tacaacaaag	caataatgcc	aggctagtct	catgccctgt	gaactaatta	cagaggttgc	60
caacctcaat	gaaccacagt	gaacaacttt	agatccacag	agagtctcaa	cttataaaat	120
tcattaaata	gaaatagatt	cagaactttt	cacttttcag	tttggcagta	cgtgttgata	180
cagattagga	aatgtttcat	tttatggccc	tatataaaat	taagtgtttt	tttcaacttt	240
attgaggtat	cggtcacata	ctatacaatt	cacccttta	aaatatataa	ttcagggccg	300
ggtgcagagg	ctcatgcttg	taatcccagg	actttgggag	gg		342

<210> 978

<211> 339

<212> DNA

<213> Homo sapiens

<400> 978

caaactcctg	atagtttaat	ctcttcaaag	aggaaacatg	tggttttctg	ctagggcata	60
gaaggagatc	aggggcttag	ctgtttcttt	taaagacttt	gaaccaattc	tcctactttc	120
agttttatgc	cttactattt	tcttaaagat	acctgatacc	tgcaattctt	gggcatttgc	180
atattgctgt	ttgatgcctc	ctgtccccc	acagcactta	gctttttgtg	tttatttttt	240
aggtcaattg	cctcttactg	atttgttttc	cagttcctaa	aacttgctgt	attatgggag	300

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agagttgaga taaatgcaaa tactcagaag tattttgtg 339

<210> 979
<211> 231
<212> DNA
<213> Homo sapiens

<400> 979
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tagaattttg aatacaatga gccaaatttc tttactatta gaggattttg ctgaatgggt 120
aaaatcaatg caaaatgagg aatcaaagtt tttgattagg tattacacat gaaaccagga 180
agaggggagaa gtacctcctt taatgtgcat acagagaagg taacccatga g 231

<210> 980
<211> 341
<212> DNA
<213> Homo sapiens

<400> 980
agtatctaca taaatcattt ggaattcttc taaacagact tgtctgtcct ctgccattta 60
tttatgtgga attattatta ttattattat cattattatt cagaggtaga tatattcttg 120
aaggaattat tatttaaaaa atcacagcat cccaatactt tgtttcccaa agaaatagat 180
atgttcacat tatgagtaaa gactgttttt gaacttgctc taaaaaatat ctggtttcta 240
gattgcagag ctgagatttg tgaagaatga ggcagaatta aagttttggg gttgagtgct 300
ttttaaaaaat tgggtattta ttttacttat ttatttttga g 341

<210> 981
<211> 337
<212> DNA
<213> Homo sapiens

<400> 981
tctgagaatt ttctataaca caaactcctt aacttccttg tgggtaatgt tttctgggtg 60
ttttttctgt tttctgtttt ttttggtggc atttcttctt tagtaaaatg aaaattgcaa 120
gtagaaaaga aactaaaaat ggatttagtg tgaggacagg ttccctttcc tggcaggatt 180
gtagaacact ggtattcagt tgactgttta caatgaatat atcttctggt tggtcatggc 240
cagaagagaa aatgtcattg gtttgtgccc aagcaaattg attattaaaa tacgttgaat 300
atgaccccat ggttgcaaac atcccttttc ttagtaa 337

<210> 982
<211> 339
<212> DNA
<213> Homo sapiens

<400> 982
tttgctgaa attgcacgto agcttcattt cctcaccccc tccccaatca ttcttaaaca 60
ccttcgaact gaaaatttta attctgatta gtttatotta acaaacaatt tagagaagga 120
ttggtgtcca aataaactgt atgatgtgga acttgcccca aatgaagagg aagttggcat 180
tccatagcta gacagtagca tttccagctg tgggggtgcc agagctgagc caagcaggcc 240
tgctcagcag agacttggga ttcaggcttt gtaagaactc gtgttgggaa cccgttcctt 300
gtgttgacag cataaaccce agagggtttt aaagatcaa 339

<210> 983
<211> 339
<212> DNA
<213> Homo sapiens

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<400> 983  
gtttcaccat gttggccagg ctggtcttga actcctgacc tcaggtgatc cacctgctg 60  
ggcctcccaa agtgctggga ttacaggcgt aagccaccgc gccagccaa gtaaaattaa 120  
atattcttgt attcttttta tatctctgga aaagtattaa atacattctt ccagaaaaac 180  
cttcgctgaa gggcttggct ggactagttt cccacagctt atccctaggc ctctgggtag 240  
aattggtttt ctttaattggg gggatagatc aaacatcata cggagaccaa caagggtttt 300  
tggttcttct taaaagccac tgggaatctt cagaacaag 339

<210> 984

<211> 342

<212> DNA

<213> Homo sapiens

<400> 984  
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atagcagaat agagttattg atttcaatgg tgcacaatat tttgattact aaaaaatacc 120  
attttccoct gatgaattga ctgatgtttt aaaaatccat ccaacaagta actgttgaat 180  
cctataatat acaatgcttt gttaaggcaa atggtgaatg caaaatagtg aacactataa 240  
tctctggaaa ccaaataaaa agacttcggg tctcagaagt atacagcaac tacatatttt 300  
accaccaacc acatgcccaa ccaatggtat atacaaatta ac 342

<210> 985

<211> 340

<212> DNA

<213> Homo sapiens

<400> 985  
gtctcacaat gtcaccatct acaatgcatt ccagctgtaa acaatcactt gcaattccac 60  
aaacgtacca tgcttttctc atctcccatc ttaacaataa cagttctaac atataatact 120  
ggttacagtg tgcttggtac tatgctaagc atattacgtg atgatctcat ataategtca 180  
gagcaatcct gtttcctttt cctggaatga cctgccccac ctattaattc tctcactccc 240  
gacacacatt tagccagcaa actcctattg agctaacagc catcatccat cccaccactt 300  
attccaagca ccttttctct cctcccactg ccaccttct 340

<210> 986

<211> 337

<212> DNA

<213> Homo sapiens

<400> 986  
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ctttttctat taacagccca ctgaatatta caggatcaaa ttcattctat gaatgtacaa 120  
ttgaaaattc actgctgaag caaacatgga cagggcgctg gacgatgaaa gatggccttc 180  
ataaaatgca aagtgaacac gtttcaactc catgtcaacc tgtaaatgat tattttttcac 240  
caaaccaaga cttcaaagtt acttggtcca gaatgaaaag cgggactttc tctgtcccg 300  
cttactatct gagctcctca caaaatacaa ttatcaa 337

<210> 987

<211> 311

<212> DNA

<213> Homo sapiens

<400> 987  
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ttctgaatag aaatccaaat atagatgctt acggttagat tgagcctgga ttgccctcaa 120  
ttaagaacaa ttgagttttt ttgttgctcg ttcattttac atgtcgtatt ggtacatggt 180  
acatgtacta gtggttttcc aaagtccatg atttttagtat cttatataag aaattaattg 240



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tcagccgggc gcagaggctc acgcctgtaa tcccagcact ttgagaggcc gagacaggcg      300
gatcacaagg g                                     311

<210> 988
<211> 341
<212> DNA
<213> Homo sapiens

<400> 988
aaggtagaga atgctattca gttagtcagt ttaacatacg agattgtcaa ctcaatagct      60
cagagggggc agaaatacag atttgctggc ttctggcttg ggtggtagtt gaagtgcatt      120
ggagagggtg agtttgccca atcaggccgc gtacagttag aagggaagaa ggctaaagat      180
gcaggcctaa ggaaaatcag cacttaagta ggaggaggaa cagccaataa gagatcaaag      240
gggaaagttt tattttatgt tggatttttc cccctttaag atgagctagg acagggtgtg      300
gggcacatgc ctgtaatccc agcacttttg gaggtgctgc t                                     341

<210> 989
<211> 370
<212> DNA
<213> Homo sapiens

<400> 989
actacgattc ctacataaca acaaacggag cggggtgggg acgcaccaca aatacactgc      60
gatgacctta cagctgaatt cgtgaagcct gggatgctac cgctatacct tacaccatga      120
taaacccgag aacacggctg acctgctaca cccgccttca tagcacactc taggtccaaa      180
acaggagtg ataggttcac actggctagc cccagagtgc caccgagggg caggcctggc      240
tgcccacaaa gaagaggtag atttgggggg ctgtgtggag ccagcatgag gcaaggcata      300
gccaggacca gaggcccagg gagggccacag ctgacttgct ggggtgctgca gggctgttgg      360
aggctccac                                     370

<210> 990
<211> 337
<212> DNA
<213> Homo sapiens

<400> 990
atgtcaagct cagttgaaca gaaaaaaggg cctacaagac agcgcaaatt tggcttttgt      60
aagtcaaata gagacaagga atgtggacag ttactaatat ctgaaaacca gaaggtggca      120
gcgcaccata agtgcattgt cttttcatct gctttggtat catcacactc tgataatgaa      180
agtcttggtg gattttctat tgaagatgtc caaaaggaaa taaaagagg cacgaagctg      240
atgtgttctt tgtgccattg tcctggagca acaattgggt gtgatgtgaa aacatgtcac      300
aggacatacc actaccactg tgcattgcat gataaag                                     337

<210> 991
<211> 343
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(343)
<223> n = A,T,C or G

<400> 991
gaagtcgtgg aagcgtcggc gacgcacgc gcgatggcgc gggcgggaca gtgcttgtga      60
aactgaacac aacaaaagta tggatatggg aaaccaacat ctttctatta gtaggcttca      120
ggaaatccaa aaggaagtaa aaagtgtaga acagcaagtt atcggcttca gtggtctgtc      180

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agatgacaag aattacaaga aactggagag gattctaaca aaacagcttt ttgaaataga      240
ctctgtagat actgaaggaa aaggagatat tcagcaagct aggaagcggg cagcacagga      300
gacagaacgt cttctcaaag agttggagca gaatgcaaac can                          343

<210> 992
<211> 332
<212> DNA
<213> Homo sapiens

<400> 992
aaacattcat caatttggcc cagacaaaag tattcttgc tgccttagga tttactcaac      60
ttgttctaatt ttaaccttc tgttgcttta aaatatggta atggatttgt tggttgttga     120
aggaattgaa tgtgattgtg gtgttacatc tttcttata ttaaaatctt taattctaaa     180
atcagtatgt cacatacatt accacattaa cacatcaaga ctggaaactg atgattggaa     240
cagagacaaa tgtgttggtg agttgtggtg agctgtcaag ggacttatgg actatagctg     300
tcctatagtc tataacgagc cagctgaaga tg                          332

<210> 993
<211> 332
<212> DNA
<213> Homo sapiens

<400> 993
taaatgggat acacgtcttc ttaagtaatt caaagtctag taggggaagc agaaaggtaa      60
caaacaatta agatacaaaa gtaaaacaaa agccctctgt agagtgcctc aacatctttt     120
attccttatc atctcccaa attccaattt gctgccccta tatgcccttt aaaaaaaccc     180
aggccgggca caacggctca cacctgtaat cccagcactt tgggaggctg aggcaggagg     240
atcacttgag gccaaagatt ggagaccagc ctggctaaca cggtgaaact tcgtctctac     300
taaaaataca aaaattagct gggcggtggtg gt                          332

<210> 994
<211> 327
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (327)
<223> n = A,T,C or G

<400> 994
gtagacagtc caaagcagca tcagacacat catgagtgc taaactgtac atctgcttcc      60
ctggtgattt ttctttcaat ggccaaagga tagaggcagc ggcaattcca ggtgtgctgt     120
gagccaactg tgtgagcctg ggcgcctact taacctccct gagtccctct ctataagtga     180
gcattctaata agtacctagt tcacaagttg tcctgaagct taaacaaaat agcaaaatga     240
tgctttttta aatgacaata caatcaagag gacagaacag gtaaagactt tgtttattca     300
caaattgctg gtattgattg aattggn                          327

<210> 995
<211> 335
<212> DNA
<213> Homo sapiens

<400> 995
tgctgatgcg gtggtactac agaaagagac gcctgactta catattccac tcgtaactgc      60
atctgtaaga actcaaata cctttgacat taatttacga ccaactgcat gccctacata     120
attgagacac ttgggatcgg gtggaaaaag acaccaaatt gtctcatatt atgaatgaac     180

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actgaagggg gagtttggg aaaaccgaat ataagcaact cattcaagga gacaaattca      240
gatgatagtt tcgagaatat aaatggagag atgtgattca caataatatt ggggatgcta      300
tcttagatgg cccgcttaag aaaaacctct caaaa                                335

<210> 996
<211> 332
<212> DNA
<213> Homo sapiens

<400> 996
ctatcttaga acaagttaaa tagtatatgt acttgtaata acttggtgact agatatgtta      60
gttttgtcta ttaatttttc tgttaaaaag aatatgcatt gaaatgagat ggaaaacaaa      120
atgaaaaagtg tttaaaaaat taaatatttt agaaggatca atatcctaag ggttgtgggt      180
aattttttcc tactttctaa aacttcagat tcctttcact cacttaaggt tgtactacca      240
ttaatgcaat gttttctggg agtgcgagat ttgctaata gaattaataca gctagaagcc      300
tcactatttg cacttttata acattctttg ct                                332

<210> 997
<211> 334
<212> DNA
<213> Homo sapiens

<400> 997
gggactcttg ctaaaggcaa gccagggact tagacttata aagcatcacc ttatcaaagg      60
tggaggatga tcaacttgat atcaagggtg accagatttc aggaagagg gattctcact      120
aaactgactc ccagaggtct cttttagcaa ggcactcatg ccaggcgagc tggctcatgc      180
ctgtaatccc aacacttttg gaggctaagg cagggtggatc gtctgaggtc tggagttcga      240
gaccggcctg gacaacatag tgaaaccagc tctctactaa aaaaaaaaaa aaattggccg      300
tcacaatggc tcaggcctat aatcccagca cttt                                334

<210> 998
<211> 327
<212> DNA
<213> Homo sapiens

<400> 998
atactacttt ttgtgcgtgt gtgtatgtga gacagagtct cagtctgtct cccaggctgg      60
agtatagtgg cacgatctcg gctcactgca acctctgcct tctgggttca agcaattctc      120
ctgcctcagc ctcccgtgta gctgggactg cagggtgtgtg cctccatgcc cagctaaatt      180
ttttttgaag atttagagaa caccctgttt caccttggtg aggaggctga gttttaacta      240
ttacacccca ttgcactga gtgggtttcc ctctttaa atcccgggtt ggtgctatct      300
tttatcagag attttttatt acacacc                                327

<210> 999
<211> 331
<212> DNA
<213> Homo sapiens

<400> 999
cttctcttat atttcaactg agactatact gtaagaaaca aaaatgatct gaaccatatt      60
tgccatgtaa cattaacaat gtgagaaaat tattttttta aactgttgct aattaagaca      120
taacttatat ttttctcatt ggaatttccc aacatggctg tcttggttag gacagccaaa      180
ccaagccaaa gagcagctcc ctatgtctgg gcatgcagtc atctgacttc aatagactct      240
tcacctcgac atgtcatgta ctctaagaat gtaaaagttt ttagtgctcc agcaatgcta      300
aggccaaatc cagcacaact agcatcacag t                                331

<210> 1000

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<211> 334
<212> DNA
<213> Homo sapiens

<400> 1000
cgtccttaaa gcttaaggcg ctctctcccc agcagcctgg cttgagggag aggcctgcct      60
ctgttgtgct cgctgtgggtg ggtggtaggc accctagggtc ctttaagggac atacgctcca      120
gcccttaacc tttcctcagc ctctgagttc ttccggccct gtctgtctc tgtggcacc      180
gtcctgctaa taatgccttc tccattctgc ccagaacaag acaccatgcc gggcgcggtg      240
gctcacacct gtaatcccag cactttgggg ggccaaggca ggctggatca cctgagggtca      300
agagttctag accagcctgg ccaacgtggt gaaa                                     334

<210> 1001
<211> 329
<212> DNA
<213> Homo sapiens

<400> 1001
acgcacacac acacacgcaa acactctctc tctaacaat gtctctgctc tatacagctg      60
gactgactcc gctctacata gctggactga ctctgctcta catagctgga ctgacattat      120
ctgctaatac acattcacct tttctgtttt tatactcatc agctcttcac acctatagaa      180
atgcagtgat gatgataaaa atgaccatta aaatatcaca gacaatatta caaattatat      240
cacaaagtta ttttcttaat aaataaagac aaattaataa gaccaatggc tcattagaaa      300
aatgaacaca ggaaatgaac aagcaattg                                     329

<210> 1002
<211> 329
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(329)
<223> n = A,T,C or G

<400> 1002
gctgggagcg ctgttcaagg taaagagtgg ttagtaaaat gatctccttt aagttgctaa      60
gagtaagatg ccaagtaaca gaaaaatgaa actctcatgc tagcaagtgt gtatgtgtgt      120
tggcgtgtgt gtgtgtgtgt gtgtgagtgt gnnncantan aacctgtagt gaactttttt      180
attaacagga attgccgctc atggtatggt ctctccttca ccgtgaggag ttccacgata      240
ttccattctc tgcgatccgg tggaattcta ctaaaaaat ggttcttctc ccctgggggg      300
gaattttttc tgtgaaacaa tctccccg                                     329

<210> 1003
<211> 335
<212> DNA
<213> Homo sapiens

<400> 1003
ctcaacacac ccagggttttt ttgttctctc tttctctctg gcctcaattc catgccttac      60
tacttgattg ttgtatgcta ggattgaggg aatatgcatg caaatactag acaaagcact      120
tgaggagggc cttctccac agtactggtg gctgtgtaat agatgttctc aattaccaag      180
tgcttaaaact gagccctatg tacttaggca gcctgttttag agttcttacc cacttgccaa      240
tgacacttga ctgctgaatc caaatatgaa aaaaactata gatagattca aggaccaaaa      300
ttatggatat gccactgaaa atgtatggta gagta                                     335

<210> 1004

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<211> 326  
 <212> DNA  
 <213> Homo sapiens

<400> 1004  
 aacttttaaac aaacaaaaac ccactaatgt accaatttgt gattctgggc aaagtttttg 60  
 aaaagtaagt tatgaaacac cttttacctc attgtattcc ttttaataat caagcaaata 120  
 agtaaagtga taatgaaaaa ataatgatat gtacttaatt ttatcctttt gtatcctttt 180  
 tttttttttt aaaaaaaggg tctaattttg ccccccggtt gggggggcag ggccttgggg 240  
 ttaacaaaac cttgaacttc taaaaaaagg gaaccttcca ttttaaccct ctgaagaggg 300  
 gggactttta aacccccccc ccccc 326

<210> 1005  
 <211> 334  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(334)  
 <223> n = A,T,C or G

<400> 1005  
 gcagtggcat gatcttggtt cactgcaacc tccacctccc tagttcaagt gtcctcagc 60  
 ctcagagta gctgggacta caagcaaagt ccacctgccc cagctaattt ttgtattttt 120  
 tatagagaca ggggttttgc atgctaccca ggctgggtct agattcctgg gctcaagtga 180  
 actgtccacc tcagcctccc aaagtagact attcttatat tttcctttca ttggggagta 240  
 aaacaaaaat tgtttcatat gaatacattt tcacaggagg aagaaacaaa tttcattctt 300  
 aactgaaact tacaatggcc agaaattaag ccan 334

<210> 1006  
 <211> 329  
 <212> DNA  
 <213> Homo sapiens

<400> 1006  
 ttgatctgca gtgggacctg gaattttata cattgagcat agtgccaggc aatgcttatg 60  
 atcagatgat actaattaac ccctggcatc atatgatctt cactgtgatt ggagtttagaa 120  
 gatttagctt catatcctgc cttctcctat caacacacac acatacacat atacacacac 180  
 acgtgcacag gcatgccaaa ttggctgtta cttatctcac ttgtattatt tatacttttt 240  
 tactcataaa aagacttttg gctgggtgtg gtggctcatg cctgtaatcc cagcactttg 300  
 ggaggctgaa gcgggtggat catgaagtc 329

<210> 1007  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 1007  
 tcttcagcag tttatataca acaaatgccc cccggttacc tcttttctgg gagagcctct 60  
 tgtttcaatt gaaagtcttc atttacagca atctcatgag caagagtcaa gtttgataag 120  
 ttccttgctg tagccatcac ttcacaaat gttacaaccc ttggagggct tgttgctgaa 180

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agaaaaacaa aagccagtta atgttgacaga agaaaagtgg tcatccaacg aagcctcctg      240
atgcagataa ggtttaattt atcagaatgt atatacttca gagnetttata ggtcaggaga      300

<210> 1008
<211> 331
<212> DNA
<213> Homo sapiens

<400> 1008
agtaattaca ttagcagggt tagttgtcat gaatgagttt gggaacaatc actgatgact      60
cttggttaagc ccctctgtgg gaaagaagta tctccctggg tatccaactt gcagggagtg      120
ttcaggatct catgttctgt agaggtcata aagaggggcca gctaactctg gctgtcatgt      180
agacacagct cagtggagag ttttctggca aaaggaggag caaaggccct ggggcagaga      240
aaatcttgga ggtacggaa aggccatgag actgaagtgt aataaatgag gcatgaggag      300
tgtgtgcgaa gacaggacgc aaagagagat g              331

<210> 1009
<211> 330
<212> DNA
<213> Homo sapiens

<400> 1009
gttttttctt atttgtaggt ttaagtgtct gttttccagg caccctcttc cctaaccctg      60
tacaagaatc atgtctcgtg tgatcttata tccccagtag tgagtgttcg tatggctggg      120
acttaataaa gttaaataa actcatgaat aaatgtgttg cacaaccaat gagtgagtga      180
gtgaacaagt gagtcaataa gcaagaattt agggacatgg gaaccaccac ttataagctt      240
gaggctgttg tgcaaatgg gaccttcata taagccattt ccttctatat agaatgctct      300
ttcttttctt tacccttaac ctcttaccag              330

<210> 1010
<211> 335
<212> DNA
<213> Homo sapiens

<400> 1010
ggtagaggcc agtgataggc taaatatcct acaaggcaca ggctgctttc cacctcctaa      60
tctctctctc tctctctctc tctctctcac acacacacac acacacacac acacacacac      120
acacacgcac gcacatccca aagaaacaaa gagagatccc atcccaaatg acaaaagggtg      180
tgagaataaa aatcctactg caacctgtga tgacaaactg ctaagggggt tgtgcaatta      240
aaatataccc taagtgtcac agagtatact caatcaaagt ggaatatttt atttatatca      300
cccgcgctgt agagaatatt cgcacagaac tttat              335

<210> 1011
<211> 249
<212> DNA
<213> Homo sapiens

<400> 1011
cttatcaact tagtcaatgg caataatcat aaagtaaaca ttaaggaaaa tattttaatt      60
acaatactac caatattata tacaccaaat ttccttagca acagtgggta cagaagtaaa      120
caatcacgag caaaagcaaa atttacggct attgaaatca ttaacaaggg ccgagcacgg      180
tagctcatgc ctgtaatccc agcactttgg gaggctgagg caggcagatc acgaggtcaa      240
gagatcaag              249

<210> 1012
<211> 281
<212> DNA

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<213> Homo sapiens

<400> 1012
ggcggagtgca cccacagtgg ggcagccct gcacaggctt tgctggagtc tccactgcac      60
tggcctaggt ccaagcagtc atagcactgc cccagctgc ccttctaagc cctgtagcct      120
agtggattag aacctggcct ccctctggag aaaggcccag gacccgattc agcggcatca      180
ttccctagtg cttegaccct gacctctctg agatggggtc tatgcctcgg ggatgagtgc      240
tccctgcact ggggggctgt gaccaccagc ctgtggccca g                        281

<210> 1013
<211> 330
<212> DNA
<213> Homo sapiens

<400> 1013
cttctataat gcttctttta tatttcctta cagttaatgt ccattttctt tctccctctc      60
tacatgcaca cacaaacaca cccactcaca cccacaccca tgcataaata cacacacaca      120
cacgcacaca cacacacaca ccatccagcc tgtagatatt tatgcttcat tttcagttaa      180
catgcagaag cacttttgac agacattttc ctttaaatat aaattccaaa gaactctgta      240
gaaagcagtg aatggtaact gaaaagctga gtgaaatgtt ttatattgct aaaacttttg      300
acattgatta cataatgtca gagaatcctt                        330

<210> 1014
<211> 327
<212> DNA
<213> Homo sapiens

<400> 1014
gtgtgtgtgc gtgtgtgtca catgtgcgtg cacacacata tactatgttt gttgtatttt      60
tttctgggta actgagacta aacttgaaat ttaaagctgg ccttccatga aaattattta      120
atgatgcaat gcaaagacaa attgctttct acatcaattt tctatgcaag tacctataaa      180
tgttagataa cttaaattat ccagagtttc ttcaggaaat atcagccttt tattcaagta      240
tatgattttc tataaagtat tgctattata atcttttaat gctaggtgaa tccacatcaa      300
gcattcaata tttgttggat gatacaa                        327

<210> 1015
<211> 293
<212> DNA
<213> Homo sapiens

<400> 1015
cgacagaagg gtatctttat taacaattga cttgaattta aaaaaaattt tagtattttt      60
atttttaatt ttaatgaagg aaaaagtaaa catgtaaatg cttgctttat ttttcaattt      120
tataaaagca gttaattaca gagaagtgcg gacatttcta cttttcatag gaaacttgga      180
gagaagtcaa aggtgtaaaa aggacaaatt ttagaaaatg agattcatga ggaaagactg      240
attaagttca ctttagttaa tgaaatgtgg aattatgaaa aattaaatat tac                293

<210> 1016
<211> 328
<212> DNA
<213> Homo sapiens

<400> 1016
gttcctaaag tactagaggg agacacaagc caagaacctg gcacatatct cacatcccc      60
agagatttaa ttcacagtt aaggctacac tcctatggac cccaccctcc tatgcatcaa      120
gggctggaat cactactga aaaaaagctt tggtggctgg acacgggtgg ccatgcctgt      180
aatcccagca ctttaggatg ccaaggcggg ttgaggccag gagttcaaga acagcctagc      240

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caacgtggtg	aaaccccatc	tctattaaaa	atacaaaaat	tagccacaca	tggtggcatg	300
catctgtggt	cctaactact	tcggaggc				328

<210> 1017

<211> 359

<212> DNA

<213> Homo sapiens

<400> 1017

tacggcgcga	gaagaccaca	gaagggtggg	catatttact	catcatattc	aaagtcctgg	60
ggattcaggt	ggaaaattaa	ggccattttt	aaaattctgc	ttaccacatc	tctggatgtg	120
tatttttcac	tgcgcggttg	agtcaaaaag	cttaaagagc	atctagccac	tggtactagaa	180
aactttaagg	acacttccag	tcctaaaatt	ctaaaaatct	aacatgtaaa	gctatttttt	240
taattggaaa	ggaaaaacaa	ttatgcaaat	ttcaaagtta	gttaaataca	aaagggtgct	300
gaagatcttc	ttttcctagg	ttaaaaataa	aaggacatgt	tttaacaaaa	gtgtcattt	359

<210> 1018

<211> 329

<212> DNA

<213> Homo sapiens

<400> 1018

ggatgggttt	tttttaaagg	gtttctcaat	ccatttgtca	tctaaagatg	caacaagaga	60
agatatattt	cttcaatgaa	aagttatctt	catcttttaa	tcttttaacg	ctaacattaa	120
cacacaagac	cctcattaaa	tgctcatctc	cacatgcaag	gtacttgaaa	aatcattttg	180
agaattagcc	atatcagagt	tgactgagag	atataaaaaa	caagaaatac	aaaagacaca	240
acatgaaaaa	caaaacagaa	cacatcaaca	tatttgtaca	agacatgcct	caaatagaaag	300
gtagcaaaac	aattctacaa	agacacaaa				329

<210> 1019

<211> 328

<212> DNA

<213> Homo sapiens

<400> 1019

ggaccttttg	atcccatcat	gggactgttc	cccagcccta	ggccactgga	atgggggggaa	60
agagaaccct	ccttttccttg	ttcccactct	tgtttctttt	gaacatgggt	tacctccctt	120
cgcgtctttt	ggaacagaag	gggatcataa	gctcttgagt	ctctgttttc	tgctgtcatc	180
tactcttcct	gcctctggca	cctcccagct	cctgacttcc	tctgtcttcc	ccctggagcc	240
agagacgtgg	ctgggaagag	cccttggcct	ttgaagccag	tggtggtggt	gaccaggggc	300
aacaggccac	tgtgctcctg	gatgcgtg				328

<210> 1020

<211> 330

<212> DNA

<213> Homo sapiens

<400> 1020

tgtctcaaaa	aaaaaaattt	gtacatacag	ggggttactg	tcacataggg	ctgggattta	60
ggcatgagtc	acctgcctga	ccagcaagtt	cttaaattct	gcagcaagtt	cttaaaacaa	120
tggtcttagc	ataaataacc	cttcataaaa	acgctaatac	cgatgctggg	acggtggctc	180
acgcctgtaa	tcccagcact	ttgggaggcc	gagggtggca	gatcatgaga	tcaggagatc	240
gagaccatcc	tggttaaacac	ggtgaacccc	cgactctact	aaaaatacaa	aaaaattagc	300
cgggcatggg	ggggggcgcc	tggtatcccc				330

<210> 1021

<211> 336



<212> DNA  
 <213> Homo sapiens

<400> 1021  
 aggcttgtga gagccactct gagctaggac ctcagctgag agaggctgga gcaacacccat 60  
 ggcaattttc ggattcactg cctaaactga tgtcagtgagg cagatgagcc ttccacccaa 120  
 taagctaacg tgcgagggtc cttccaaacc ccttggcaga tggtttttta ttataggctc 180  
 aaagaaaaat ggggctataa ccaagttcct tgggggacag gactgtttcc atgcttgagc 240  
 ttggaagcaa gattgatggg acaaaacacg tacgttggtg ttggtccaca ccatcaaaac 300  
 aaacctecta ggtcttgagc tccattgagg tttcac 336

<210> 1022  
 <211> 332  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(332)  
 <223> n = A,T,C or G

<400> 1022  
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 agcgtaaaat gttgcagagc ccagctagaa gccaggagga gcagacaccc tgctgatgga 120  
 gcccacaag aaagatgttg tgtccctcct ggtgagcgct gtcccagtg acccgataat 180  
 ggcgagaaga atgtgcctct ttcaggaaaa gtataggaaa tgagagaaga ctgtgacaac 240  
 tcatgacctg catccttaat atccagtac ttcattctcc ctttcttccc acaattccag 300  
 gcaatggcct gtcggaccag acaattctac cn 332

<210> 1023  
 <211> 329  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(329)  
 <223> n = A,T,C or G

<400> 1023  
 gtttagccagg tgggcatgtg cataggggtg gaaccacag acaccccagc ccaggagcca 60  
 ttcctgatgt gggagatagt gtgtggtatc tccagtgagc ccctgaggc tcactcatcc 120  
 aaagggcctc agtctogaac gacaggcacg gtcaagacaa ggcaatggca cctgtcctaa 180  
 aattccttac acacctctag gaaatatatc cacagataat agcttcgcct tgtagtgcac 240  
 gaggtccttg aatgattcct caccctcttt tgggtccagnt atctttctcc ttctatgtag 300  
 catttcaaac actccactca cagtagtag 329

<210> 1024  
 <211> 328  
 <212> DNA  
 <213> Homo sapiens

<400> 1024  
 taatgtgtgt gccagaatth catgacctca aggatctgaa ttttcaagtc actgcaaaaa 60  
 ggacgtgttt ttgggaatth tactaattcc cttaggcaga tactttgggg tgagggggag 120  
 gatgttcacg ctgtctacca tctcccttct ctgaaaactg tacagctgcc ctgtaactgg 180  
 gtgggcccta gcaccagcca caactatact caatactttc acttattcca aactactata 240

aacatccacc	tccttagaa	agaagtacta	aaaataaagg	caatcctact	cttctgttat	300
taataaaata	aaaattaaac	actttggg				328

<210> 1025  
 <211> 337  
 <212> DNA  
 <213> Homo sapiens

<400> 1025						
cggggttcta	gcagtattcg	catgtcatgg	aggggaagg	actaccccca	gaaataatac	60
aactgcttac	ccactccatg	aagtgaaga	tttgaaagac	atttctctgt	tccaaaggcc	120
tgtgggcaga	attaatagta	attgccagaa	aagccagggt	caaacacagac	gctacacttg	180
catttattga	atgagcttat	tggatatctt	ggttgcaagc	aggaagcaac	ctgctgacct	240
gagctccctg	tggccctggg	cctctccact	ctgaaaacat	ccaggcagat	cttacaactc	300
ctccagtcac	acccagatac	caactctagg	ccagacg			337

<210> 1026  
 <211> 331  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(331)  
 <223> n = A,T,C or G

<400> 1026						
gaaaggtctt	tggacgtaaa	cagtagaaaa	ctacttgcac	atttgaagaa	aaagggactt	60
tattggaagg	ctgttgggga	actggcaaaa	ataaggtcct	cctgaagaac	aaggcttgca	120
gcagacagga	gtcaggcagt	ttcagaggac	cttgacaagt	gcagcgtata	ggtaggtgc	180
aggagtcaac	ctgggttcac	gtctttgact	ctactacatg	gggcaggcta	tttaacagct	240
ttctgcctca	gtttttctgat	ctgtaaaatg	gtgatgatat	tactcatctc	agtattactg	300
tgaagtttaa	atgagctggg	atataaaaaa	n			331

<210> 1027  
 <211> 327  
 <212> DNA  
 <213> Homo sapiens

<400> 1027						
ctgggtgaca	aagtcgcaag	gttgtgtctc	ttacctgccc	acaggtgcac	gtcgtcagcc	60
ccaccgcctc	actgcagccc	ccaagggttac	cgccagccgc	cgaggggtgg	gaacggcagg	120
gtgatgatat	caacagccaa	gaacccccctg	ggcttgtcca	ctgctcaggc	cgtcccagcc	180
cccggggaag	caggtccacc	actaggccca	ttcgacagat	agcagcacia	tcaccgtcac	240
cacgactgga	gaatgacatg	tcccagcacc	tagtgccagg	ccctcttcca	agggttgca	300
tttgcttatc	catttaaccc	ccagcag				327

<210> 1028  
 <211> 306  
 <212> DNA  
 <213> Homo sapiens

<400> 1028						
ttctgagggc	cactactgtt	cagtgttgag	ccctcactgc	cttcaagcac	tggcatctgc	60
ccctctttgg	ctctgtttgg	tctctttggc	ttcaccctga	gctcattct	tggccatggc	120
caagctttcc	tgggtctggc	cccatccagc	accagtgcc	ccctgcccaa	tatcgctga	180
tgctcaagca	taaccagtc	acctttgggt	gaatgacctt	ctgagggtta	gtacaacgct	240

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agtttgaatt atttttcctt tcccctaatt tctttgagca gactaagtta gaaaaatatac 300
catatg 306

<210> 1029
<211> 331
<212> DNA
<213> Homo sapiens

<400> 1029
gatataaaca acattacttt ctcaaaaact ctaattcaat atataaatag tataccttca 60
cattcatgaa tcctactgtg ttcaaagatt actagttttc tagttattcc tttattcata 120
tttatgtaga atatttcaga ataagcaata cttaatttta aagaatatgt ttcacaaggt 180
attttttgat ggttttaaact ttgtttatca acagaagata cctgctcaga agaaattgtg 240
ggttttcaac ctcagcgcta ctgaaatgcg tgttggattg cttttgttgg aaaaggctgt 300
cctttggatc acaggatggt tatcaaaatc g 331

<210> 1030
<211> 332
<212> DNA
<213> Homo sapiens

<400> 1030
gggttcaggg cggggtccct ggctgagctg accccacagg tttcagcggg tgggcccacc 60
tgacggagggt cgaccccgac gaggagggtgc agggcgagat ccacctgcgg ctggaagtgt 120
ggccaggggc cggggcctgc cggctacgct gctctgtgct ggaggccagg tgagactcag 180
gggcctgggg gcgggcagtg ggtcccctgc aactagagaa acccaatgag gaagctgagc 240
ccccctcgc cccacctcta cctcctggtc ccagagctgg ccacctccca tcaaagcctg 300
ctctcaagag agggctcgc caggcacggc gt 332

<210> 1031
<211> 350
<212> DNA
<213> Homo sapiens

<400> 1031
taaggctgcc ataatacgac agaacggacc taagccttac aagaagagat gctgtccttg 60
tcttgctgga ggaccttgct ttacttagat gtcttattat taacgttacc tattattgat 120
ggaaatacac taatttgat gggcctagat ggtaacatgg catttctaatt attggcttcc 180
tttcttgctg gcttgattag cttggggacc gaatcactac cgtctagctt actaacttag 240
ccaatcttgg cagaacatgt tcaccttaca cactgcacct atacgctctt gaaggcgtcg 300
caatgaacac cctcctaaat tctccatag aactataccc taacaagtct 350

<210> 1032
<211> 321
<212> DNA
<213> Homo sapiens

<400> 1032
tgtgcctgta atcccagcta ctcaggaggc tgagacagaa ataaattgta tcagaacagt 60
gtaaacadgt agacagatac tgacaggaat aagggtttgt gataactttt tggttacctg 120
aagcatttat gaatacaggt aagtctgtgg ctatgttata gaatattgag gtctccattg 180
gtttgacttc caaattagcg ctttattaaa ctgggtgtca gtgtttgtac acctacttgg 240
gctgtatctt ttctactatg aaacatatct taactgtgaa atgaatatct taaagaatca 300
ccttggggcc aggcattggtg g 321

<210> 1033
<211> 326

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<212> DNA
<213> Homo sapiens

<400> 1033
aaggggtaag gtagtggtat atgcaaacgc attaagacgg gaaataacac aaaagaaaaa    60
aatgagtcac tctagggtga atgtacctta caaagaattg ggtaagatat aaacacggtt    120
tatctcattg gacaatgaca catcatgggc aatgttaata atctgaggct ttaataaaaa    180
tagaggataa ttggagagtt ttagacagaa gagtaaaata atcactatgt ttttttataa    240
gtaccttaatt gtcagtataa gtatatctct ggccggggcgc ggtgggtcac gcctgtaatc    300
tcggcacttt gggagaccga ggcagg                                326

<210> 1034
<211> 324
<212> DNA
<213> Homo sapiens

<400> 1034
tgagactttc ctagccatgc aggactgtga gtccattaaa cctctttact tataaattag    60
ccagtctcgg gtctctcttc atagcagtgt gagaacagac taatgcaggg gggctattat    120
gttgccaatc acaggatat aataaaaagt taagaattat aatttctaag tggtaggatt    180
tcccttaatc cttttatcta tttttcaga agttttccca ggaatacaca tactgctttt    240
gaaatgagaa gaatgaaatc tcatttatag tctatatatga cgtctttgca atgttcatta    300
atccaccttt caggacagcc ctgg                                324

<210> 1035
<211> 190
<212> DNA
<213> Homo sapiens

<400> 1035
gagggaaaca gggcttgaaa gaaagaagga tgggggaaaa gaaaagagcc cagcatcaaa    60
gagaagctgg ttttgctggg agtggccaag tctacctgac acaggcacia tctctgatct    120
catccacatg gccaggagct ggaagtacta aaattagaat ccaaagtgtt ctaggctggg    180
cacggtggct                                190

<210> 1036
<211> 326
<212> DNA
<213> Homo sapiens

<400> 1036
attgttatcc gaaatagaga aataactcct gttaatcaag aaaaagacag aaacttcaat    60
gggaaaaaaa ggaccaatga aagagacaaa ctaccataga tcagatttct tcccatagct    120
aaacagtata caaagaaact tcatatttat aattatacaa atgcaaatca aggcagtggg    180
tcattactct tatcagaaag actctaattt aaaaggataa acacaacaat tattagaaaa    240
tgtgcatagt gttaactttc actcacttgt agtgaaaagt agtctggaaa tattttatac    300
atcatagaga aattccgaga atcata                                326

<210> 1037
<211> 326
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(326)
<223> n = A,T,C or G

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<400> 1037
gagctagaaa tctaggcaat gtggatttca gatgagtttc ataacactat ctgacacagc      60
gggaagttca aggaagtatc tggcaatatt atttttctta tggagccttt ccataagaaa      120
gaaatttcagt tataacaagg tcacatttgg gtaggtgaca taatggtgaa atgacatttt      180
ctgccaataa caaaacctat atattgtacc tgagtggccn cnnncnnnaa naattttttt      240
tggaaaaaaa atccccctt gtggcccaag ttttaacccc aaatttccta ttccgcccaa      300
ctaagcttct taaattccag gaaaaa                                     326

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<210> 1038

<211> 191

<212> DNA

<213> Homo sapiens

<400> 1038

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aatgatactg tgataaaagg catccaccag catgaacttc atatgtgact ttgctgttag      60
atctcaggaa gatgtaaaaa ggcagtttaa gatcttttat cccaacttcc tggataataa      120
aaagatagta agtttaggac tttataaaag aaataaaatc aagaaagaaa tggggcatga      180
aaaagaataa a                                     191

```

<210> 1039

<211> 325

<212> DNA

<213> Homo sapiens

<400> 1039

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gagttttcat ttgtggtgag attctctccc aggccacaag acattttcctg ctcggaacct      60
tgtttactaa ttgtaagtac tttacaagta agaacttggt ttaaaaactt agcattcaaa      120
aaaaaagctt tctttaaaag ttatttgatt ttcttgcttt ttttcttagc atgctatatt      180
tcgagtttca gctaaatgac aaaggacggc ttatttattt gctttctttg gatgcattca      240
gtcgaaatca ttaaattctt gcttaatat catccagacc ccaggctggt ttttgaaagg      300
gggggggggg gccaaggttt ttttg                                     325

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<210> 1040

<211> 319

<212> DNA

<213> Homo sapiens

<400> 1040

```

acctatcctc attgtggtcc ccaaagctct tcctggggcc tttctttctc tttgacaaaag      60
caaagctaag ggagctggga aagggtgccaa gagtgagaag tgagagaagt gatccagaag      120
tgagagctcc cagcctcgct gttgactggc ctgggacctt cagccctgcc tcttacattc      180
tcttgccctt cccaaattat taataacaca tgagtctgaa atacagtgag ctccacagag      240
gaaagacctg tattctctgg actattcaga atgttctagg gacagtgtga taggaggctg      300
agtccacact ctggagctg                                     319

```

<210> 1041

<211> 299

<212> DNA

<213> Homo sapiens

<400> 1041

```

gcatgaagaa agattggatg caagacaggt ctctgttgct gagatggcaa ggatccagtg      60
tgaagacctg atagtagccc taacagctga aaacagtcct tgattaacag ctagcaagac      120
aatggagacc tcaatcatat agcaacaagg aaatattttc agccaacaac cagaagggtg      180
tcaaagcaaa tctctccctc ctttaagcctc caggtaagaa tgcagcctgc caacattttg      240
ataccaactt tatgagatcc taagcacgga gtctagccat gttgtgccag tcttctgac      299

```

```

<210> 1042
<211> 320
<212> DNA
<213> Homo sapiens

<400> 1042
taagcaaatt aacatattca gattcccagg atatattttc tacataaaaa tgaaggatgt      60
atgctattgt atcctaatacg ggctaagtat ctcatgtaca gtcattttga ttttacgtat      120
atgtttggat ataggatgtc tctggaatga tatgaacaac tgacaacaat ggtagcatct      180
ggcaaaggaa actacatagt acaacaatgg gagtaagatt tccttttcaa caccatacat      240
gtttgttctt actgaacgct attcgatgtg aaaggcagta tattataacg gtcaataaaa      300
tcaagctctc caggttcaca                                     320

<210> 1043
<211> 319
<212> DNA
<213> Homo sapiens

<400> 1043
gacaatttta tcccttagaa cccagaacag ctgggagcag ataaaatctt cttgggttat      60
gagttccag atgatgctgc tggcctgcgg actgtacttt gtgaacttat gctggagcag      120
atggatcaga aaccccggcc agaggatgct caggacccat caagcccccg cgaggaagga      180
ctcagacccc caaccccacc aaattaaagc aggcaatgga gaattatact gaagggattc      240
cttcggctggg caaaaacatg attagatctg cattctaaag actgctcgca gagtaaagga      300
cggattggag cagggagtt                                     319

<210> 1044
<211> 353
<212> DNA
<213> Homo sapiens

<400> 1044
tacgtttgtg agaagacaac agaagggggag tctcttgccc gtccacccca agtctgactt      60
ctctcaggag ggactcatga acacgtgccc tgagcacccc caaaatgaca tcacacaagg      120
gcagaaagga gctgaagggg gaacgtgaaa ggcagaaaag gagccgtggg tgccaggcaa      180
ccagccctag cccacctttg tttgtttggg gacagcaact aaggctctgg cagggccggg      240
tggccacgct catgcctttt tctctcaaca gttgcttctt tgaagtaggg agcaggctat      300
ggtcacctgg cgggcctctt cagctaagac cttcacaaag tggggagcct tga                                     353

<210> 1045
<211> 326
<212> DNA
<213> Homo sapiens

<400> 1045
cgtggcaatc tctggtttta aactggcacc tgggtctagtc aggtttgttt ttagattgat      60
tactctggta gctgaatgaa ctatgatttt ggggaggata agactggaaa gagggacact      120
aattttcttg aaccttctaa aggataacca ggataattga ggtggagata caaaataggt      180
gacaaattcg agaagtatat atgaagtaaa ataggtagga tttggtgact gatagtggat      240
gtgaggcatg aagagagggg tgaggctggc aaatactaag ttgttatgat ggatgaatga      300
gaggattccc atactgtttg agatag                                     326

<210> 1046
<211> 272
<212> DNA
<213> Homo sapiens

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<220>  
 <221> misc\_feature  
 <222> (1)...(272)  
 <223> n = A,T,C or G

<400> 1046  
 ggccgagaga agcagtagtc aataaagaga gtgccgtatt tcgcagattg gagctgagct 60  
 gtggctgcca gaagatagcg aacgaatgga aactgaaagt ggaaatcagg aaaaggtaat 120  
 ggaagaagaa agcactgaaa agaaaaaaga agttgaaaaa aagaaacggc cacgagttaa 180  
 acagggtgctt gcagatattg ctaagcaagt ggacttctgg tttggggatg caaatcttca 240  
 caaggataga tttcttcgag aacagataga an 272

<210> 1047  
 <211> 323  
 <212> DNA  
 <213> Homo sapiens

<400> 1047  
 gtatgggggag ttttcttatg tggccctcgg actttggcaa agagcctgcg caaatgctgt 60  
 caccgatatt ccagtctgga tcctagaaag gttcaattct acttcaacaa agaaaatttt 120  
 tgagttatag gaataaggac ggtaatctgc attttgccctc tttgtatctt cagtaattta 180  
 cttgggtctcg tcaggtttga gcagtcactt taggataaga atgtgcctct caagccttga 240  
 ctccctggta ttcttttttt gattgcattc aacttcgtta cttgagcttc agcaacttaa 300  
 gaacttctga agttcttaaa ggt 323

<210> 1048  
 <211> 294  
 <212> DNA  
 <213> Homo sapiens

<400> 1048  
 gagcccccta ttacacctga cgtggagact ttccaaaaca ccgtaggaga ttgcttcggc 60  
 atcgcaatgg ttgcatttgc agtggccttt tcagttgcca gcgtctattc cctcaaatac 120  
 gattattcac ttgatggctg tcacgagtc aatagccttg tactgggtaa catattctgt 180  
 gtagtattca taggatccgc tgggagtagt gtcctcttca gatcagccgt tcaggagagt 240  
 acaggagtgt taacactagt tgctgtgcct tatttgggtgc atcacagtgc ttgt 294

<210> 1049  
 <211> 326  
 <212> DNA  
 <213> Homo sapiens

<400> 1049  
 ggaagcgtcg gcgacgcac gcgcgatggc gcggggcgga cagtgccttg gaaactgaac 60  
 acaacaaaag tatggatatg ggaaaccaac atccttctat tagtaggctt caggaaatcc 120  
 aaaagggaagt aaaaagtgtg gaacagcaag ttatcggctt cagtggctcg tcagatgaca 180  
 agaattacaa gaaactggag aggattctaa caaacagct ttttgaaata gactctgtag 240  
 atactgaagg aaaaggagat attcagcaag ctaggaagcg ggcagcacag gagacagaac 300  
 gtcttctcaa agagttggag cagaaa 326

<210> 1050  
 <211> 326  
 <212> DNA  
 <213> Homo sapiens

<400> 1050

taacaaaaca	gctttttgaa	atagactctg	tagatactga	aggaaaagga	gatattcagc	60
aagctaggaa	gcgggcagca	caggagacag	aacgtcttct	caaagagttg	gagcagaatg	120
caaaccaccc	acaccggatt	gaaatacaga	acatttttga	ggaagcccag	tcctctgtga	180
gagagaaaat	tgtgccattt	tataatggag	gcaactgcgt	aactgatgag	tttgaagaag	240
gcatccaaga	tatcattctg	aggctgacac	atgttaaaac	tggaggaaaa	atctccttgc	300
ggaaagcaag	gtatcacact	ttaaag				326

<210> 1051  
 <211> 318  
 <212> DNA  
 <213> Homo sapiens

<400> 1051	
acctttggtc	atgcatagac taagatgttt tacttacttt ttcttttatt tgccaaaagg 60
aaatagaaaa	ttcagagggc atgttgactt ggggagacct tctgaggaag gaagaaatcc 120
caggtgacct	ggttctcttc acattcctca ggaagccgc tggtttcagg aagacctgca 180
caaaggggaa	acctgacctc ataattgaac aaagctgatt tttaaactg ggaagacagg 240
gctaattggg	tggttgtag gagtattagt ccccttcagg gagagaattt aatgactgag 300
gtcacaggag	acaatctt 318

<210> 1052  
 <211> 318  
 <212> DNA  
 <213> Homo sapiens

<400> 1052	
ggctgcagtg	gtaatattat attcagtagc agccttagaa gagtgggtcta agacttgaac 60
ctggagcaat	tttatagcac agaatcctac gaagatagga ctgtgaacat ttgttttctt 120
tttcgtgtgt	gtcaaaactaa ctggtttttg ctttaccat aaaaatgtcct cggcagagta 180
aatttttaaac	gtgaaaatta tagatcttga tattgaatcc atcagtgatt caagagatac 240
acctattttgc	ctaaaacaac ctaagatgta ttggttatgg aatcatgtgt tggataggtt 300
cttaagacct	gtttcctg 318

<210> 1053  
 <211> 318  
 <212> DNA  
 <213> Homo sapiens

<400> 1053	
ctccaatcca	gatttttaaac acaatccttc taatgtaata tctgtaccta tatagattta 60
gtatgaaaac	tatacaagct aaaaaatgag aaagcaagga aggtgaaaag aaaagatggg 120
tagccaattc	ttccgggtct cagtgggaag aagaaaaaca gatggcagga agtagtatga 180
ctctcttctt	ttttcaactgc tggttattat ttgtaactca cagggcagaa taacagctct 240
agagctcaat	ttatctggag gagattcagc acacctgctt ctctttttcc actggcatgg 300
ctcttggtgt	aaatttgt 318

<210> 1054  
 <211> 314  
 <212> DNA  
 <213> Homo sapiens

<400> 1054	
tccagaatgt	gagaagagca ttttaactcc attttatgtt ctcaaatccc aagaaaataa 60
ggaatcaaga	aaaatataac aagaaaaata aagaggtgtt gaaatgaaga aaccttaaaa 120
tctaaaaaga	ttcctaattt ttttaatgtt gccttaaat tttgcattga actatctcct 180
tcaagtttcc	ctaattttata catgttttac ccagaaataa cagtcagcta tgcatgctaa 240
ctttaaaaag	tcacgtttat cacatgttgt tttcagagcc aaaagccaaa tgtcctgtct 300



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cccgatgatt ccca
314

<210> 1055
<211> 316
<212> DNA
<213> Homo sapiens

<400> 1055
ttcctctaca agtcagggtcc ttgaagtgca tgagcagccc actggggcat gaacttggcc 60
ctaattgctac acataaccag tagggagggtg gtgaaaaagg gccttcagtg gggggaaatt 120
tgtggatcaa ggcaccaggg ctttcactga aaataaccct gagtcagtgg tctgcctcgt 180
ccctctgctt actatgtagc ctagccatca gcacagctga tcttagctgg tctctgattg 240
tccctcattt cttccctcaa aagctattca tgagactggg tacagtggct cacgcctgta 300
atcccagtac tttggg 316

<210> 1056
<211> 314
<212> DNA
<213> Homo sapiens

<400> 1056
cagggcctat tatagacaat ccattacagc tatgtgagga tttggaagga ttatctaaaa 60
ggcatcactg actgagaata gcttgatagc cgaagggtgat atttgactcc ttcgactacg 120
acaacatcat catactttta atatgtacag ggcatagatg tataatatatg atcatatgga 180
tactaagaga aatttggaag aattcaacct acattactaa tataagaata tagtgacagc 240
acgtagagaa aaagagatta cgtgtttggg ggaaaaaaga caagcctaata acaaaggagg 300
tatacggctg ggcg 314

<210> 1057
<211> 260
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(260)
<223> n = A,T,C or G

<400> 1057
gtgttttaaac caccagctct atgggtacttg atgtggcagc ccaaactgac taatacaatt 60
gttaaaatct accttccaga tttcagtaga caaaaaatga accagcaaca tctcagagat 120
tgtgaccctt tgtgtgtaca aaagatgagc ccgctttttt tctaaatcag tgtggaaact 180
aaaagtaaaa gtaagttata tcttaaaatg ccaaagtttg tcgtaatcca gtaatcactg 240
ccctctaaaa tacgccattn 260

<210> 1058
<211> 313
<212> DNA
<213> Homo sapiens

<400> 1058
caaaacataa atgtattact caaaatgttt tatatagggg cacaagagtt ctttgactga 60
agcagttttt attttaagtt gtttggcctg aaaccattcc tggcagcaaa aatcttttta 120
aaagtcttca tgtgtagatt taagctatcc ttggcataaa ataattaata tatctatatt 180
tcaaagagca gatggcagaa aggactatac cgaaatatat tttatttctg agcaccagca 240
taaaaaacaag agaaaaaaaa agaacagcca gaatacagag gtttttaggg ctattctaag 300
tgatactata ctg 313

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<210> 1059
<211> 318
<212> DNA
<213> Homo sapiens

<400> 1059
cttccaagta gctgggatta caggtgcttt ttatgcctgc caggccggac gcagtggctc      60
acgcctgtaa tctcatggta ataaattcta tgaataaata tagagcagag tcaggggtag      120
agagagctgg agggtaggca cctatagga aggcctctct ggcaaggcca cacatgagaa      180
atgacctgaa gcaggaggga aggagtcatg tgtatatttg agggaaaggg tgtttaggaa      240
gcgggaacag taagtgcaaa gtccctgaga tgagagagtg cttgatgtgt ttaaggaaatg      300
gcaatgtgca gccaggta                                     318

<210> 1060
<211> 317
<212> DNA
<213> Homo sapiens

<400> 1060
aggttgaaga cactcctaatt tttcaacgtc tcccttagct tcttaataca gaatattaac      60
aagcatacaa gtataagatg ttgatcctta gaaacctagt tccaaaaggc cattattaat      120
cacaattaat tcacagaatt tatttatctt gggaatgttt ctataaaaaca ttttgtgact      180
aaataggtaa agctaatggc agtatttaac tgaaaaaagt aaaggggtac attgacttta      240
ataaaaaacag ttgaaagaac tattcaaaac ataaatgtat tactcacaat gttttatata      300
ggggcacaag agttctg                                     317

<210> 1061
<211> 319
<212> DNA
<213> Homo sapiens

<400> 1061
ggggtgcaga aaacacacat gttataaacc tatatcataa aagcaccata atgtcaagta      60
cttaaaaccat aaattggata attcggtcag aaaattgcta ctgctgaaca aaatggctta      120
atgtttttttt tttttttttt ttccaaaaaa aatttctctt ttgttgccca ggacgactat      180
atgggtgac aataaaggta tttgtgactt ccttgagttt tacaaccctt ttacatgctt      240
aaggcccctg acttcggcgt tttgcagcag gatacccaca cccccggat aattcctttct      300
tttaagtaaa aatggggct                                     319

<210> 1062
<211> 310
<212> DNA
<213> Homo sapiens

<400> 1062
ctgaggttat ctttttaatt aactctgctt tgagaagggc taactgatca gttagcagtt      60
gccttatcct ttttaattaac tctgctttga gaagggctaa ctgatcagtt agcagttgaa      120
tatgacagtg tagtaatttc attactcaaa acagtaaaaa ctcaatatgt taagcataca      180
gacatacaaaa tatgaagact ttttttcctt ttctattttt gttggctaatt tattgggaaa      240
ttgatgaatt ttgttatagc aaaggaacgg aattgggttag tatttttggt gggaagagaa      300
gagctgagcc                                     310

<210> 1063
<211> 156
<212> DNA
<213> Homo sapiens

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<400> 1063
tagtttaggc aatattaaca ccttacatct gtaatttttag cattttgaat acacagtttt      60
taatgtacat tatccattgg gcagatccat agaacaagct aaaactttcc agattcacat      120
tactttaaaa atattttgat ttgctgggtg tgggtgg      156

<210> 1064
<211> 318
<212> DNA
<213> Homo sapiens

<400> 1064
gcttctgaga agtcccacct ttctgagcag ctgtgtttga agaaagctag tgggaaaagt      60
tccaggatta catgtcagga aactacaaga ggtagaaaca tttgttgatt taccagtgtt      120
tttaacttcc tgctgggctg aaaactgctt gtttcgtgga aaagcaaac ttgacagcaa      180
acatctaaaa tgaagagctc ccaaactttt gaggaacaaa cggaatgcat tgtgaacact      240
ctactcatgg acttcttgag cccaacattg caggttgcca gccggaacct atgctgtgta      300
gatgaagtag attcagga      318

<210> 1065
<211> 262
<212> DNA
<213> Homo sapiens

<400> 1065
gagttccaag taggtaatcc ttctgagaag tcccaccttt ctgagcagct gtgtttgaag      60
aaagctagtg ggaaaagtgc caggattaca tgtcaggaaa ctacaagagg tagaaacatt      120
tggttgattta ccagtgtttt taacttccctg ctgggctgaa aactgcttgt ttcgtggaaa      180
agcaaaaactt gacagcaaac atctaaaatg aagcgtctcc aaacttttga ggaacaaacg      240
gaatgcattg tgaacactct ag      262

<210> 1066
<211> 317
<212> DNA
<213> Homo sapiens

<400> 1066
gagcagaggt cagggttcca tataaacagc ctggtcccta actgcttccc ttctgcagtc      60
aaccacagga atggactttt tgttcagtgt ctcccttcat cctctttgaa gagatgcaaa      120
tttgaacaga cgggtgctgc gttgggaact gttttgtccc tgccatcaat tgtatgttcc      180
tctctgtgat tatctggtga gacagtgcaa aaatagggac aaaactaaca ggaaaaaata      240
caaggaaaca ggaaactcta gcgtacagga gttggccagc ataatttatt tttttottat      300
gcatggtcac gctatgt      317

<210> 1067
<211> 294
<212> DNA
<213> Homo sapiens

<400> 1067
tggggaggcc tctactggga accaccttct gtaggacagt caccaggcca gatccagaag      60
gcttgaggcc ctgtgggtccc catccttggg agaagtcagc tccagcacca tgaagggcat      120
cctcgatgct ggatcactgc agtgcttggt gcagctgtag aatctctgag ctgcgtgcag      180
tgtaattcat gggaaaaatc ctgtgtcaac agcattgcct ttgaatgtcc ctcacatgcc      240
aacaccagct gtatcagctt ctcagccagc tccttttttag agacaccagt catt      294

<210> 1068

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<211> 317
<212> DNA
<213> Homo sapiens

<400> 1068
gtgaacaaaa caggattatt cctataaaca gataaaatta acagaagaaa acttaaagtt      60
caaaatgtat tacttgataa aatgctcgta atattatddd accataccca ttttaccatt      120
taaatattac tagtdtdtdt tcttcaatat ccattgataa gcttdattctt taaaaacaga      180
agtagggaaa gtgctagctt ttttgcttct tattcacagg aacttggtgca cctgatgtag      240
tatagcacat tctcaaacat ctaataggtc acttctgaat ttttctctga attttgaata      300
agataaaaagt aatttga
                                                                317

<210> 1069
<211> 315
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(315)
<223> n = A,T,C or G

<400> 1069
caattctggt agaaaaaatc cagaatgggt ctcagtaatg gagctaaatg atttcagctc      60
cctgtttctc tatagtactc aaatagaagg aggacagtca ccataattgc ttgttgcaat      120
gtgcatgtg ggcataagtt tcagagatgt atgtcctgtt gcccactt ttgcatttcc      180
gtgttcatta taaacctttt ccaaagcata atgacacaaa acatgatcat atttatatgg      240
gtcattagca aaagggaata gctactcata ggagagatga ctgngccaag cccaacttgg      300
caacagaatg aagaa
                                                                315

<210> 1070
<211> 317
<212> DNA
<213> Homo sapiens

<400> 1070
tgtgggggtac attgtcaagc cacaacata acctgctctg taataatacc ctctacatt      60
gttatcttgc tttggcacag tatgattcaa gtcttaatct taacactaaa attaatgggt      120
ttactctat taaaggcatc atctcaact gaaactcact aaagcatata cacgtcacgt      180
ggaacagctg aacacaaagc tcttaatctg aagttgacct atttagtaaa cctatagctc      240
agaatttgac ctcatcacct cagaaaatca gggataaaat ctgtctttat attgtttcag      300
gtacttgggt atcagag
                                                                317

<210> 1071
<211> 318
<212> DNA
<213> Homo sapiens

<400> 1071
aacactaacc cacagggagg atgaaagagg aaagtgcctc ctctggctga aactgccagg      60
atgccctcta cttctaaaaa ctttgggtat tttccatagc gcgtttctat aacaaaaaat      120
atgtgctagt tcccgttagc tggaaactgac atgtggaagg ggccaggctc tgtggggcct      180
ggccaagact gccccctgt gtacagcaag ggaggacctg cggttccacc agagccagag      240
cagggccaga ggccgcaggg gcacctctga gctccaacaa agccagcaac accccatacc      300
gccgaacaga cagaaagg
                                                                318

<210> 1072

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<211> 318  
 <212> DNA  
 <213> Homo sapiens

<400> 1072  
 tgccatcagc ttctgaatca tgtgtgcacc ctaccccaca cggcagtgga gtggcagctc 60  
 tcgtgactgt aaaagccaca caagctcaag gcaaaaagtg gaacatgcaa agggaatgaa 120  
 gtgaagagcc aagtcagcca cgtctctctt ccctccctca cctcccagcg gctgcctgtg 180  
 cccatggcac cgagtaaaga ttttaagtgg atcaagatct tcatgtttgg aacaacttgg 240  
 ccaatgactt tatctggtgc atctgagaaa ctattgaaag gagccacagc tggaggaaca 300  
 cagcacttac tagggtgg 318

<210> 1073  
 <211> 316  
 <212> DNA  
 <213> Homo sapiens

<400> 1073  
 cctactaggt caagtgagta ccaaggacag cgtggcaggt gaccatacag acgcctgaat 60  
 aacaggaggc atgctgcatt gaggcctacc tttggaaaaa gataccacga tgctttaaca 120  
 accgtgggta atagtgttca tgcctttgtt aattgtactc atgaagtagt aataaagggt 180  
 aatattctcc attggcatta tcaaatatta aagtactggc caggcgtggt agctcatgcc 240  
 tgtattgccca gcaatttggg aagctgaggc aggtggatca ctagaagtta ggagtctcag 300  
 accaacctgg ccaaca 316

<210> 1074  
 <211> 316  
 <212> DNA  
 <213> Homo sapiens

<400> 1074  
 ggagaagaaa gacgacagcg ggaacacaca agaagaaaac ttactcttcg tagaaaaata 60  
 gaagaggaat ggaagacaaa agagatgtta cttctgacaa ggatggcaga agatgttaaa 120  
 agagaagaga ggatagaaga acaacagcat agaaacagag aagagagtga caggaaggag 180  
 gtataaatat ttcaggccaa ggttcaatta tttcagcgca ggtatcacc acgagaaatt 240  
 tttccagagt ttcacaggca tttttggatc cttcaaaaga agagaaggag acaaatgctg 300  
 attgcatgg aagacc 316

<210> 1075  
 <211> 314  
 <212> DNA  
 <213> Homo sapiens

<400> 1075  
 tactggaact ttctaatttg taataaaaaa aaaatcctaa atactcttaa atcaacaatt 60  
 acaacccttc ataagccatt ttgggtaaat ttttgttctt ttggaaaaaa ccacactttc 120  
 ctgtatatgt ttcacaaaaa aaaaaagggt ctccccattt tcccaggagc cgagatttaa 180  
 gagttgcttg ttattgcagc aaaacctcac ctcttctgac caatcatggg ggaatttctg 240  
 ggtgtgcgcc catgtgcttg tgtgagggcc gtgcgtgttt caccocgccg aaaccctcgc 300  
 ctccttaaca ctcc 314

<210> 1076  
 <211> 313  
 <212> DNA  
 <213> Homo sapiens

<400> 1076

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actttctgct ttgccccctc cctaccteta tgctgatgaa gagccagcca tgcctccagc      60
ccttcctgag gccaccacat gatcttgctt attttcccat tccaggaggt cacctgcagg      120
gctcctccca cctagccaca atggctagtc ccgctgcctc cacagtggcc ctgcagcccc      180
atcccagacc cactgcacgg ggtcacaagc ttgtgcaggg tggacagagc agtagctcat      240
ggcagacatt ccttctgttc atctgttgca gggaaaatgg ggtgaggcat gggagggggt      300
cccagaatcc cag                                         313

<210> 1077
<211> 313
<212> DNA
<213> Homo sapiens

<400> 1077
tatgggagga aaccaagcct cagagagaca gaatcatttg tgggagcagg tggagttgaa      60
tccagggtccg ccggattoca aatccgacac cacctcccac tttctgactt tgtaagatt      120
ccaccgcac tagcctgggc ccgggcaggc ctgggggtcag tccccactg cccggctgga      180
ccgcagagag cagggcacag ctcttcctac cctagttggg gccagctgcc aagatgcctc      240
ttggggttgg gaaaaggagc tgagctgctt gtccaggctg gtgggtgatt cctggggcac      300
ctgtttcagt gct                                         313

<210> 1078
<211> 279
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(279)
<223> n = A,T,C or G

<400> 1078
aatcactgat gactcttggt aagcccctct gtgggaaagt agtatctccc tgggtatcca      60
acttgcaagg agtggttcagg atctcatggt ctgtagaggt cataaggagt gccagctaatt      120
ctgggctgtc atgtagacac agctcagtggt agagttttct ggcaaaagga ggagcaaagg      180
ccctggggca gagaaaatct tggagagtac ggaaaggcca tgagactgaa gtgtaataaa      240
tgaagcatga ggagtgtgtg cgangacagg acgccaaga                                         279

<210> 1079
<211> 309
<212> DNA
<213> Homo sapiens

<400> 1079
aacacaagag tcaacactct gtaattggaa atattaatct gtgtgaagga aatagctaaa      60
ttaatgtcaa acaacaatcc cgaagacaaa gctgatgcc cagactcagt ttcagttggg      120
attaaataga tattatttca gtgtttatta aaagatgaga cacattaact aggttatcac      180
tcgtatttaa gtttctttaa ctatacgggt ctaatgtagg tactaaacaa agttaaaaat      240
attttaaaat agctaaaaaa taagcaaatt tgcatacaga aaataaattt attagacact      300
tttacattt                                         309

<210> 1080
<211> 306
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

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<222> (1)...(306)

<223> n = A,T,C or G

<400> 1080

aggggggtatc	ttgtagatta	ggtagcaaaa	ttggaagtca	aagtgtccag	tggcagtggt	60
gaaaagtgtt	gaccaacctc	ggtttgatga	aggtggcgtg	aaagtcaact	taaacttttc	120
actgggaagc	aggatatttc	tgagcctaata	gcttatggag	aattggcctc	tgtattttccc	180
tccagacttt	catgaggcac	ccggccttggc	ccaaacatga	gccagatgct	gaatggcctg	240
ccaatgcctg	ccaatgtgaa	aattattcag	tttggttaag	aaacaattta	ctcatattct	300
ggnttg						306

<210> 1081

<211> 303

<212> DNA

<213> Homo sapiens

<400> 1081

ctgcttcattg	tttataacctc	acgtgattac	tcatttcaag	catactgtct	ctttccgaga	60
gtaatgatga	aaacattgaa	gaaaccatcg	atccaattac	ccatactgat	cccagaagta	120
ttaaagaaaat	ggtaatatcc	ttggatggct	tctttttcata	tttggtatag	cttgatataa	180
agtaggaagc	ctgcatgatt	ttactgtgct	ctcagaatag	ggatttttgt	tttgctttaa	240
cgcaagctgg	gtgttggaag	gagatttgaa	acttgtggtt	ggctgggata	tgatgtagac	300
agg						303

<210> 1082

<211> 247

<212> DNA

<213> Homo sapiens

<400> 1082

tcttacaata	atcctgtaag	gtaacatata	cctcttttta	taaatgagga	aattggggct	60
tagctaagtt	aacttgacac	aggtcaccca	tgtagccaag	aagcgttacc	tagcttacat	120
tattaactca	tgccactttt	attttttgag	acggagtctc	accctgtcgc	ccaggctgga	180
gtgcaatggg	gcatctcag	ctcactgcaa	cctccgcctc	cggggttcaa	gcgattcttg	240
tgccttg						247

<210> 1083

<211> 293

<212> DNA

<213> Homo sapiens

<400> 1083

gaccagctca	aaagagaaaa	aggtgcaaac	aatgcgaaga	acacttaagg	caagtatcta	60
actacatatt	tggaacaag	tgaatgaaac	tgtttatgta	ccagagatag	aaaaaatatt	120
ataacagtct	acaggtgttg	cattagtgtt	gtgtgcttgt	ctttacaact	aggcagataa	180
ataaaaacaa	atatgttttt	aaaattccaa	catgtggtag	tttgaaagtg	tgtctcacca	240
agtggaatca	taaaatctgg	ctcaaatttt	agataaattt	ggacttaaat	ata	293

<210> 1084

<211> 298

<212> DNA

<213> Homo sapiens

<400> 1084

gagcctttcc	atcagcccct	gtgctgggta	cgggtgaacc	tggggttcct	ggtttgagct	60
catggagagc	cttggggccac	taggggttcc	ccaacgcggg	ggaaagccca	tgagagggaat	120
gtgagctgtg	acggaggaga	agtgaggcgc	tattggcata	aaagaaaact	aatcctcgcc	180

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acggggagcg ggacctgggt ctcccatgga aaaaagtgcc ttcccatcaa tccctgcgct      240
gggccccgtg gacccaggcg accctgggtc taggcctggg tgcacctcag gcccgcta      298

<210> 1085
<211> 301
<212> DNA
<213> Homo sapiens

<400> 1085
tttcttcagg gaatttatca gctaccttct cccacttgaa tactatattt aaattccctg      60
tatactctga ttggaatatg cctgacaaaa tataataacc tgagtatggt tgcttactaga    120
tattacctac aatatagtta aattgtatca ttttatgtat caatgggtga aatactggcc    180
tagttcatcc actattgttt taacaaaatg ttgacacctt cctgttggtt taaatagaat    240
ctcccttttc tatactcttg ctgttactat taatatgaca tgtcaagtca gatgtagaca    300
a                                                                    301

<210> 1086
<211> 326
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(326)
<223> n = A,T,C or G

<400> 1086
ggattctaca agcttttttg gtggaaaaca atgataagta agccctattc atgaaaccgt      60
atgcctctca ttttgaaatg aataattgca cgtacagact tataagaata atggcactta    120
tagtgactgc tatttttaat gtctttttca aagtgtctct ctaaaacatt cttctttgac    180
atttctgatt cttttaccca gcaagnttta tgtatttttc tacttctgag gtcacctgag    240
gaagaatttt ctaacagata ccactttttt tttttttttt tttggaaaag gagtctggtt    300
tgcccccaa gggtgggggg cggggg                                     326

<210> 1087
<211> 295
<212> DNA
<213> Homo sapiens

<400> 1087
cacccttccc ccatgccaac actgccactg gcagaaaact accgagggag accagcagac      60
ctgtcccaaa ctcagtggta gatgctgccc atgttaacgt gcacacagag gatgtacaca    120
agcccatgcc aaccgggtgc ctgccaacac cactggcagt gcaaattgtg gtatgggcac    180
cactgggttc cctaccccc atgccataca gccaccacca aagctgtgac tgctgcaca     240
atggctggca tatctgcact caccagcacc ccctacagt tgatgagcat gcacg          295

<210> 1088
<211> 286
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(286)
<223> n = A,T,C or G

<400> 1088

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gtgctaagaa	aataatctct	cttttttctg	ttgaaaacta	gcacaagtgg	cctgtgaact	60
tgcttgatgg	gagaaagcac	atttaatctg	gatgttcac	tgcaaagcat	ttagtttaac	120
agccacagaa	aaattattcc	tgcgtaattg	atccgtgaag	cagatttatc	gtgactagac	180
catttggtg	tgtgtgtgtg	tgtatgtgtg	cgtgtgcgtg	tgtgtgagtg	tgtgaatgan	240
aatcaggatg	acgggtgnac	aacagcacc	tctggagacg	atagtg		286

<210> 1089

<211> 284

<212> DNA

<213> Homo sapiens

<400> 1089

caggtaaatt	gcctttgcct	ctctcctggg	ctagatcctg	attcctgggc	ctgatggctt	60
cctattttctc	agttcaccct	catttggtga	aacatatacct	caaatactctt	ctttaaaaag	120
tcatggccag	aaggctgggc	actgtggctc	acgcctgtaa	tcccagcact	ttgggaggcc	180
ggggcaggcg	gaccacctga	ggtcaggagt	ttgagaccag	cccgcccaac	atggagaaac	240
cctgtctcta	ctataaatat	acaaaattta	gccaggcgctg	gtgg		284

<210> 1090

<211> 276

<212> DNA

<213> Homo sapiens

<400> 1090

attcattata	ttatggttta	cttttgcttt	atactaatta	ttagctcaaa	aacattttatt	60
taaaaaattg	aactagaatt	ttaaaatata	aaaaatttaa	actaacaagt	tagtcagttt	120
tactatttagc	atcaaccatt	ataagtaatt	cttttctata	acagatcaaa	atctcagtga	180
aaattcataa	accacaatag	ttgtctcaaa	ttattttatgt	tgtcaaaata	acaataagac	240
tattgtctacc	tcaataatag	gtacctcaaa	acaaat			276

<210> 1091

<211> 270

<212> DNA

<213> Homo sapiens

<400> 1091

gaggcacgat	aaatagtaca	aaaggcatac	aggtttctgc	aatgtgtgta	cactggagcc	60
cttataatga	agaccagac	acaagatggg	tgcagaagct	tgtctaccat	atgaagatta	120
cagaaagaat	ggggtcttgg	atcacatggg	aaaaaaaaag	gttatgtgag	aaaaggacgc	180
tgactagcaa	cagtggactt	attacgtagg	cgaaacctca	ctgggagcag	tcctcagagt	240
gcataagagag	aaaatgtttc	tttcagacct				270

<210> 1092

<211> 269

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(269)

<223> n = A,T,C or G

<400> 1092

tcccaacact	agcttgctat	ctgagaccat	ctgcctgctg	ctggctttcc	tggcaciaaac	60
attctgcatg	taggcacagt	gtgctcctgg	actccatgtc	acctcagttc	acctcatgt	120
tcctcgggtt	cctgtcccca	gtccagcaag	cagaaactga	ttacagatct	taacagaaga	180
tacagattga	aaataaacttg	cctgttcccg	tggactttat	ccactagtca	aggaggacaa	240

gtggacaagg ggagagggta ngtgggggc

269

<210> 1093

<211> 429

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(429)

<223> n = A,T,C or G

<400> 1093

cccatcgatt	cgccacacctt	catcctgagc	ctaaaaggcc	atctctgagc	acttgggcag	60
ccactcctct	gggcctcaga	gggccatgag	cttggccagg	taggcacagc	ggcggggaag	120
tcacagctgt	caggtaccgg	ccatggtgca	ggtgggaata	ggagatgcca	gagctgcttt	180
agctgagaga	aagcaaacag	tcagcagtg	tcaaaggagc	aaaacttcga	atgtgcacat	240
tgacccctga	cacctgcaag	cataacacag	atcctaagac	tagagtgaag	taggaagaag	300
aattagaaaa	tccagtggat	gtcctgagta	tagggaacca	gggccgctga	aaatcagtaa	360
aggttgatta	cctggngcga	gaccgggtga	ctgtggcagt	gcaggtgaag	gtaccctgga	420
ccttctcag						429

<210> 1094

<211> 426

<212> DNA

<213> Homo sapiens

<400> 1094

ggcacgaggc	cacagaaaca	tgcccctgat	tcagtgcctc	tgcttagctg	taacatgtta	60
atcagaacta	cctggcatct	tcctgaacaa	gactttcaat	aggggccagt	atgcttcgct	120
tcattccagaa	gttttctcaa	gcattcttcaa	agatactgaa	gtactctttc	ccagtgggac	180
taagaaccag	cagaacagat	atactttctc	tcaagatgtc	tctccagcaa	aacttttccc	240
catgtccaag	gccttggett	tcctcatcat	ttccagcgta	tatgagcaag	acacagtgtc	300
atcatacatc	cccctgcagc	tttaaaaagc	agcagaagca	agcacttcta	gccagaccct	360
caagcaccat	cacttaccta	actgacagcc	caaagccagc	attatgtgta	actctggcag	420
gactaa						426

<210> 1095

<211> 427

<212> DNA

<213> Homo sapiens

<400> 1095

ggcacgagca	aggaaggagt	cctgggagca	tggttttccc	tgagccaaag	ccgcggcctc	60
cagagctgcc	gcagaaacgg	ttgaagacgc	tggactgcgg	gcagggggca	gtgcgagccg	120
tacgatttaa	tgtggatggc	aattactgcc	tgacgtgcgg	cagtgacaag	acgtgaagc	180
tgtggaaccc	gcttcggggg	acgtgctgtc	ggacgtacag	cggccacggc	tactaggtgc	240
tggatgcggc	cggctccttt	gacaacagta	gtctctgtct	cggcggcggg	gaocaaaggc	300
tggttctgtg	ggatgtggca	tcagggcagg	tcgtgcgcaa	attccggggc	cacgcattgga	360
aggtgaacac	ggtgcagttt	aatgaagagg	ccacagttat	cctgtccggc	tctattgatt	420
ccagtat						427

<210> 1096

<211> 423

<212> DNA

<213> Homo sapiens

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<400> 1096
ccccatcgat tcgaattcgg cacgaggaaa ccttaaacta tataggtctg ctggactgtg      60
tggctgagta tcatagagat tttcattgtg atctattacc tacaaagtct tcctgtgggt      120
tctcttttagg ggcaagctct gtgtgattga ttggaagaca tcagagaaac caaagccttt      180
tattcaaagt acatttgaca acccactgca agttgtggca tacatgggtg ccatgaacca      240
tgataccaac tacagctttc aggttcaatg ttgcttaatt gtggtggcct acaaagatgg      300
atcacctgcc caccacatt tcattgatgc agagctctgt tcccagtact ggaccaagtg      360
gcttcttcga ctagaagaat atacggaaaa gaaaaagaac cagaatattc agaaaccaga      420
ata

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<210> 1097
<211> 387
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(387)
<223> n = A,T,C or G

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<400> 1097
ttttagttta tgcagagcga ctggtctttc ttgcatcttt ttttgtangt gattggcaga      60
aaataaaaaat ggccatatgt ttgaaactca gcatcatctg ccctaggga gtaataaaca      120
aaacaagaga gcacaaagac tcaaataaag aagcaaatgg ggcacatcaa aaaaagtcta      180
ttgagaaaat ttacccagct agctaaagat aactgatagt agagtataaa ttgaggtata      240
agaactctca gtgttcagta tgacagtggg tacacttaag actaagtgtt tttttttctc      300
atttaacata atttaatact tatagaagtt tcaagaactg tacaagaagt ttcagaataa      360
tttttaccce gatttcccaa atgttat

```

```

<210> 1098
<211> 415
<212> DNA
<213> Homo sapiens

```

```

<400> 1098
cccatcgatt cgaattcggc acgagggtat ctattttaag tcaggggctt tactagccga      60
tttagttctc acaataacca tgtggagaag ctgtgacatt tttaatttac aacctttctg      120
gggctcagac ataaagttac ctatccaagg ttgcagttgg gtagtggtgg gaccagatg      180
gacaactcat tggccctgcc tcaaaagcca tacctcttct cctgctatgc agaactgtgt      240
tctcctgaat ctctgtgatg ctggtgggaa ttggttgcac agaggaagga caataaccct      300
gccatcgtga gttaatgtcc gggctggtca cagtggttca tgcctgtaat cccagcactt      360
tgggagtgca aggcaggcat atcatttgag gtcaggagtt taagaccagc ctggc      415

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```

<210> 1099
<211> 420
<212> DNA
<213> Homo sapiens

```

```

<400> 1099
gatcccatcg attcgtggag ctaggtctcc aggtgggcct gggtcccagg cagcaggtgg      60
gaacctggg cctggatgtg aggggctggtc aggaaggggt acagggggtc cctcatctgg      120
agttccccct caataaagca aggtctggac ctgccttccc aggcccttct gtgggggtga      180
aggtggggaa ggctgcggc gccagatca ctgccttagc agtagtcttg cctgttcagt      240
gcaaggggca ggttttggg ggaggaattc ttagcgcaag gacgggctc agccctgtcg      300
cctccagggg gccgctgacc caggtgggga gagggcaaaa gaagggtggg ggacgtgggc      360
aggccaggct cacaggtgga aatcacggat gcagggtggt gccacgcca aggcctgcag      420

```

<210> 1100  
 <211> 383  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(383)  
 <223> n = A,T,C or G

<400> 1100  
 gacttccggt cggcgtgagc gtgaggtgtg ggtgttcgtt tctcaagtaa aacatggcta 60  
 aaagcttacg gagtaagtgg aaaagaaaaga tgcgtgctga aaagagaaaa aagaatgccc 120  
 caaaggaggc cagcaggctt aaaagtattc tcaaactaga cggatgatgtt ttaatgaaag 180  
 atgttcaaga gatagcaact gtggtggtac ccaaacccaa acattgccaa gagaaaatgc 240  
 aatgtgaggt aaaagatgaa aaagatgaca tgaaaatgga gactgatatt aagagaaaca 300  
 aaaagactct tctagaccag catggacagt acccaatatg gatgaaccan aggcaaagaa 360  
 aaaagcttga ggcaaagcga gat 383

<210> 1101  
 <211> 409  
 <212> DNA  
 <213> Homo sapiens

<400> 1101  
 ggcacgaggg ccggccatgc ttgtcctggt gaccgaccag gaggtcctcg gggagctggg 60  
 gcggggcgaag ctgccggctg tggggggccct gatggagcgt ctccgtgtgc tgtggacgct 120  
 gctgggtgtcc cgctgggtca tctgectgtt tgtggacatc ttgcccgtgg agacagtgtc 180  
 tcggatctgg gactgggtgt ttaacgaagg ctggaagatt atcttccggg tggccctgac 240  
 cttaattaag cagcaccagg agttgatttt ggaagccacc agcgttcccg acatttgcca 300  
 taagtttaag cagataacca aagggagttt cgtgatggag tgtcacacgg ttatgcagaa 360  
 aatatTTTTTc agaacctggg aggettattc ctggggcacc cgtcgccca 409

<210> 1102  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 1102  
 cgttgctgtc gtaaaaaatta gtgatagagg tagagattta catatatata aatctcatte 60  
 attacttact atagaacaca gtaattttta tatgttcctt tgaaacatat gaagaaaagc 120  
 agagttttca catatatgta gttagaaaag ggaaagcgtc ataataacag ttagtggatt 180  
 tttttgttac tatatcaaac tccccacata tttcggaat aagttgcaat gtagaatctg 240  
 aaagcctatg actaaacttc catactcaag tgttaaaagc tattggttta gcatgcactt 300  
 taagatgata ttttaccat aagtgatttt tgacatcata tattggtcat ttgaaaaata 360  
 ctgcttcact gtattatgta attaattgca taaatg 396

<210> 1103  
 <211> 395  
 <212> DNA  
 <213> Homo sapiens

<400> 1103  
 cgttgctgtc gacctagttg gtgcctcaca gggttcctgc tgccctgggtg cttgctgac 60  
 atcaccctgg tcacttcatt ctgattagaa tgacatctct ttcgtctcct attttgttac 120  
 ccaactcttc ctatttttgt taccaatcac tgtgctctct gccgccccct ggctccaggc 180  
 taatttttct ggaatgaatt gagaaggtgg cgtgctggcc tgagctgatg gaccacttgg 240

tgttttgcgt	tttgcccat	gtttgctgcc	tctatctggt	ctgccttgcc	cgtttgctg	300
ttcctattca	gtgtcttttc	tattttttcc	tctctcgttc	atgccttctg	ttttgctctt	360
gtccctggag	catatctgcc	taattaagat	gttgg			395

<210> 1104  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 1104						
cgttgctgtc	gggaaagtaa	ccaagaaacc	tctaggaatt	agtgaaaaaa	gaactttttt	60
gaggtgtgtt	actatactgc	tgtaagttat	ttattatata	aagtattgta	aatagaatag	120
tgttgaagat	atgaaatatg	gctattttta	atggtgacaa	ttatgacttt	tagtcactat	180
taaattgggg	ttacctatat	cagtacaatt	tgtagttgtt	tccaggtttg	gctaataatc	240
attccttaac	ctagaattca	gatgatcctg	gaattaaggc	aggtcagagg	actgtaatga	300
tagaattaaa	ttagtgtcac	taaaaactgt	cccaaagtgc	tgcttcctaa	taggaattca	360
ttaacctaaa	acaagatgtt	actatttatat	cgatag			396

<210> 1105  
 <211> 380  
 <212> DNA  
 <213> Homo sapiens

<400> 1105						
tactccacaa	atagagatgt	atctactcgg	atcgggggaa	ctgtaggaga	gaatatgtga	60
aagccacttc	ctacgccccaa	tacgaatgag	ttgtctttta	acatctgcc	ggcccaggca	120
gctctccatg	caagtgcgaag	ttcaciaaaga	agttttctac	tcctgtccta	ttccgccttc	180
ctttgatcct	actctggaag	agttagaac	tggcaactt	ggggtgcaag	cataaaaatt	240
aggtgtctca	tctccttccc	cactgtggac	ttctagccta	cagaagttcc	tagctgaatg	300
aaagacctag	atcttctact	atctcatgtt	tgggatttgg	attgagacca	caccatagaa	360
gagaatcatg	agcctagagc					380

<210> 1106  
 <211> 289  
 <212> DNA  
 <213> Homo sapiens

<400> 1106						
acttgagccc	aggaggttga	ggctgcagtg	agctgtgatt	atgacactgc	actccagcct	60
gggcaacaga	gcaagaccct	gtctcctcct	tccccgtccc	ctccaaaaaa	aaaaaaaaaa	120
aaaaaaaaaa	aggggggggg	ttttttcggg	gaacccccacg	gggaaaaaac	ctttgggggg	180
gtggggcccc	ccccccctta	aagggggggg	aaaaaagggt	ttttttggga	aaattggggg	240
cgcttttgtt	tttttggccc	cttttaaagg	gggaaaaaac	gagtaacag		289

<210> 1107  
 <211> 393  
 <212> DNA  
 <213> Homo sapiens

<400> 1107						
cgttgctgtc	gaggaactcg	gccgcccgga	gttgtggcct	catcgtgctt	cccgccaaaa	60
acgccttggt	actgtcggga	cgcggctaag	cgtggacgcg	cccgcatctg	ccccctctcc	120
gcagtggtgg	aagacacccg	cggagcgccg	gtggataagg	gccgtttcct	gagaccagag	180
ctgtatccgc	agcagcctac	ccgtatatata	caagaaatct	caagtcaaac	actggaaaag	240
atgtcagaag	atcagaaaaa	ggaagactat	tcagacagaa	caatcagtga	tgaagatgaa	300
tcggatgagg	atatgttcat	gaaatttgta	agtgaagatc	ttcatcgggtg	tgcactttta	360
acagctgact	cttttggcga	tcccttatcc	ccc			393

<210> 1108  
 <211> 397  
 <212> DNA  
 <213> Homo sapiens

<400> 1108  
 cgttgctgtc gatattctga aagatgtcag tggagtgcga gctcttgaaa gtgctgttca 60  
 acatgaaacc ttaaactata taggtctgct ggactgtgtg gctgagtatc agggcaagct 120  
 ctgtgtgatt gattggaaga catcagagaa accaaagcct tttattcaaa gtacatttga 180  
 caaccactg caagtgtgtg catacatggg tgccatgaac catgatacca actacagctt 240  
 tcagggttcaa tgtggcttaa ttgtggtggc ctacaaagat ggatcacctg cccaccaca 300  
 tttcatggat gcagagctct gttcccagta ctggaccaag tggcttcttc gactagaaga 360  
 atatacggaa aagaaaaaga accagaatat tcagaaa 397

<210> 1109  
 <211> 393  
 <212> DNA  
 <213> Homo sapiens

<400> 1109  
 cgttgctgtc gaaaaaggag agctcttctt caagataagg aagtggtagt tatgggtgta 60  
 acccccggct atcagtccgg atggttgcca cccctcctgc tgtaggatgg aagcagccat 120  
 ggagtgggag ggaggcgcaa taagacaccc ctccacagag cttggcatca tgggaagctg 180  
 gttctacctc ttcttggtct ctttgtttta aggctggct gggagccttc cttttgggtg 240  
 tctttctctt ctccaacca cagaaaagac tgctcttcaa aggtggaggg tcttcatgaa 300  
 acacagctgc caggagccca ggcacagggc tggggggcctg gaaaaaggag ggcacacagg 360  
 aggagggagg agctggtagg gagatgctgg ctt 393

<210> 1110  
 <211> 403  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(403)  
 <223> n = A,T,C or G

<400> 1110  
 cctcgggcta ccaggtttta gcagcaactt acaaccaggc tgcccagctc tgggaaggtgg 60  
 gggaggcaca gtccaaggag acactgtctg gacacaagga taaggtgaca gctgccaat 120  
 tcaagctaac gaggcaccag gcagtgactg ggagccgcga ccggacagtg aaggagtggg 180  
 acctcggccg tgctatttgc tccaggacca tcaatgtcct ttctactgt aatgacgtgg 240  
 tgtgtgggga ccatatcatc attagtggcc acaatgacca gaagatccgg ttctgggaca 300  
 gcagggggcc ccaactgcacc caggatcatc ctgtgcaggg ccgggtcacc tccctgagcc 360  
 tcagccacga ccaactgcac ctgctcagct gttcccagga can 403

<210> 1111  
 <211> 360  
 <212> DNA  
 <213> Homo sapiens

<400> 1111  
 gggagtgcga gggggcagct agccgagatg acgaggcacc actccagcct ggcgacagag 60  
 tgagattttg tcctaaaaaa agaaagaaag aaaatgaaaa catttcatct ggaatatcca 120  
 aaattagggtt taatatatatt taaatctcat tagacttttt gatagattgc tgtaaatatt 180

atgtgaaagt	tatgcttgtc	ttcaatttca	gtggtgtag	atatctaaat	acaagcctgg	240
ctattttttg	ttttttttt	tttttaaaaa	aaactttggt	cttcaaccgg	gccggagggg	300
ggggggaaca	atttggttaa	aaggaacatt	ggcctccaaa	acccccccct	ttccccggcg	360

<210> 1112  
 <211> 382  
 <212> DNA  
 <213> Homo sapiens

<400> 1112						
cgctgctgtc	gttaagtttc	atggttaagc	tgttttcagc	aggcccacga	gtatcaagaa	60
caaaaggagc	ggtcctccag	taaagatggc	catcaaggca	gcaaatctaa	tgactccggg	120
gaagaagcat	aaaaagagtt	tatttttgtg	taaaggtcac	ccacgcataa	ttcttctgt	180
gcccctagct	tggcaagccc	ctttactgga	accctgggcc	tgatatatgt	ttaccaggcg	240
gacgtctgtg	cgtgctttat	tctcttcttt	ttctttatat	agccccacc	cccatccct	300
gccttttttt	tttttttgg	aaaaaaacac	cacctttttt	tggaaaacaa	aacaacattt	360
ttggggcttt	ccccccct	tg				382

<210> 1113  
 <211> 360  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(360)  
 <223> n = A,T,C or G

<400> 1113						
ggcggctggc	gcggcgagcg	ggatgaggcg	ctgcagtctc	tgcgctttcg	acgccgcccg	60
ggggcccagg	cggctgatgc	gtgtgggcct	cgcgctgac	ttggtgggccc	acgtgaacct	120
gctgctgggg	gccgtgctgc	atggcacctg	cctgcggcac	gtggccaatc	ccgcggcgcc	180
tgtcacgccg	gagtacaccg	tagccaatgt	catctctgtc	ggctcggggc	tgctgagcgt	240
ttccgtggga	cttgtggccc	tcctggcgctc	caggaacctt	cttcgccctc	cactgcaactg	300
ggtcctgctg	gcaactagctc	tggtgaacct	gctcttgctc	gntgcctggc	tcctggggct	360

<210> 1114  
 <211> 337  
 <212> DNA  
 <213> Homo sapiens

<400> 1114						
ttatttgggt	cttgtgggaa	gaataattat	tgctattggt	tttgtagta	tcccaaagaa	60
aagttattat	ttttaatata	cgcacctaga	tctctgtctc	tctctacaca	cacacacaca	120
cacacacaca	cacacatatt	tacatataga	tataaatctg	gaatgtatct	ttttatacat	180
acatttgaaa	tataaatcaa	tatctctgta	tatatccatt	tatacttata	tatatgggtca	240
tattggtatt	atttatagat	ttaagaaaac	tactttgtta	aatagattgg	caagattctt	300
tgagtacgat	gaaacttcaa	attgcctata	aagtaag			337

<210> 1115  
 <211> 329  
 <212> DNA  
 <213> Homo sapiens

<400> 1115						
ataagattgg	atgactgctt	gaaagttata	tgaaactgtg	taattcagct	tgacagaaatt	60
aagttccctg	cttcatgttt	ataoctcacg	tgattactca	tttcaagcat	actgtctctt	120

tccgagagta atgatgaaaa cattgaagaa accatcgatc caattaccca tactgatccc	180
agaagtataa agaaaatggt aatattcttg tatgtcttct tttcatattt gggatagctt	240
gatataaagt ggggaagtctg tatgatttta ctgtgctctc agaataggga attttgtttt	300
gttttaaatgg cagctggcgt tggaaagag	329

<210> 1116  
 <211> 330  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(330)  
 <223> n = A,T,C or G

<400> 1116	
ggcaagatgc tttctacagt agacagttcc ataagagggc agacagttga gggctattta	60
ccaaaagcca gtctcccag ctattgggag ataagtccca attcttgaag acaggggtggc	120
atatcactag tacagtaata tagataaaaag ttttttaatg atagtttagc aaacgtgaag	180
tttttaattt atttaaattt tatttattaa attgcctgtg aatgtgacac tttcttcagt	240
catgttttat caggtaagtg cttctttctc ctttgaaaat tgtaattctg cagagagggga	300
gctactgtaa atttaagctt tttgtttgtt	330

<210> 1117  
 <211> 322  
 <212> DNA  
 <213> Homo sapiens

<400> 1117	
aaatgatacc tttaaaaaag cctcttccta aagacttctt ttaagtataa tgatgatcac	60
taattacttt gttgtgagca caaataagaa ttactttctt caaaaattct aactaaataa	120
attactccag tcaaaaagat gtactcaatt aattctttat taagggcggt gtaaaatcta	180
agtgattgtt ccagagaagt taggcagtg caggaaaata tttatcactt agcttagtaa	240
ttatttactt agaaaaagtt caaaaaaggc cgggcgcagt ggctcacacc tgtaatccca	300
gcactttggg agaccaaggt gg	322

<210> 1118  
 <211> 324  
 <212> DNA  
 <213> Homo sapiens

<400> 1118	
aaatgatacc tttaaaaaag cctcttccta aagacttctt ttaagtataa tgatgatcac	60
taattacttt gttgtgagca caaataagaa ttactttctt caaaaattct aactaaataa	120
attactccag tcaaaaagat gtactcaatt aattctttat taagggcggt gtaaaatcta	180
agtgattgtt ccagagaagt taggcagtg caggaaaata tttatcactt agcttagtaa	240
ttatttactt agaaaaagtt caaaaaaggc cgggcgcagt ggctcacacc tgtaatccca	300
gcactttggg agaccaaggt gggc	324

<210> 1119  
 <211> 318  
 <212> DNA  
 <213> Homo sapiens

<400> 1119	
gtgacaataa tgtattttat aacattaacc atttttagat tctttgaata aactcaattt	60
ggcaaagggt cgggtgggtt ttttttttta aaatagggct tgttaaactt actttttggg	120



gaatttttgca tttataaccg ggccttcac	atctttaact ggaaaattct attctaagtt	180
ataaaactta aggcaagtta ctcaaataat	acattaatac ttgccacga atctttaaaa	240
gaatccagaa aaaaggaaac tccctttttt	cttcaatact acctatcctc tgccccaacc	300
ttttctattc attctttt		318

<210> 1120  
 <211> 187  
 <212> DNA  
 <213> Homo sapiens

<400> 1120		
acacttttaa atatgtaatg cttccaatct	tgctttgtgt atctcattta atttggtata	60
aggtagtact gatttttagca tattaatg	acttcttcct tgttggttgc tttgggtctgt	120
ggatcatccag agagcttaaa ttgtcattat	tttgggaaga aaacctgtat ttttggttagt	180
ttacaat		187

<210> 1121  
 <211> 319  
 <212> DNA  
 <213> Homo sapiens

<400> 1121		
aactagatgg agtcctggca ctcactggga	ttgagaacac atgacaaact aatagggttta	60
ctgggcaggc ggctaagctg atctacttgc	tggttcaatt agctccactt tccggaggct	120
agcattttcc caaccttgcc ccatgctctt	gtgggtacat ttaccctatt tggggcctta	180
gcgctttaca aatgaacgtt tcagtttaag	agacattgcc gcataactta tattaagtgg	240
tatgaattca aaagcaagct ctgccactac	acatcagaat ccagcactga aggaggtgtg	300
gaagtcataa agatgggaca		319

<210> 1122  
 <211> 174  
 <212> DNA  
 <213> Homo sapiens

<400> 1122		
gtagatacta tgtgttgaag tctatagcta	agcaacttaa gccaaaaagg tctttcaact	60
gaagctttta tcaacttatt ttggagatgt	tctctttcct ttactcatgc gtgattccta	120
aaataataag atacatggga ttaaatagcc	cttggtctttt aacacaaatc aggt	174

<210> 1123  
 <211> 177  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(177)  
 <223> n = A,T,C or G

<400> 1123		
anaaaacaaa gccacatcct gttttttata	ctgtcttttt gtggcttgct catggcatga	60
atctttctagc tgtcaacaaa gggagggg	cgcttttgggct ggaggagaca agaagccttc	120
aggaaaaagg agggcttttg atacattttc	tttctttcct tcttttcttt ccttcct	177

<210> 1124  
 <211> 392  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(392)

<223> n = A,T,C or G

<400> 1124

acagttaaga	aatattaca	gaatgtagaa	caaagaaaca	aacagaaaac	aaattagtga	60
aaaaaaatta	cacacacata	cacacacgca	cacacttatc	tatctctcta	tatatatcta	120
gttcagtact	tgcaatatag	gcctcctaga	gagaaacaat	ggacaaagta	gaaggaaaaa	180
tgatcaagga	actaataaaag	gagatgttcc	cagactaaat	gcagtcataa	gtctgcagtt	240
ggagtttgc	tactaagtgt	ccagcacatt	aaataataaa	aggctcacia	cctaaacaga	300
tttttgagaa	atttgaacat	ccaaatgaaa	aaaaatagaa	aatcctaagt	ctttcagaga	360
caataagtaa	ctacaaagga	agaanaatat	ga			392

<210> 1125

<211> 415

<212> DNA

<213> Homo sapiens

<400> 1125

cgttgctgtc	ggtgaaagag	aaatgttttt	cttgttgc	tgattacatt	ttataaat	60
gcttagctgg	aaagtttggg	aaaagaggcc	tgtttgtaa	ttgtacaacc	gattgtgaag	120
ctctagtgtg	aatattttta	cgtctgtatt	agacattttc	tttgcaaacc	tattgttcga	180
ttgaaatgta	aatgaaatta	aagatgggtg	acacccatca	tgtaaaaagc	aggcaccatc	240
tctaagatgg	atttaagtct	catttttaag	gcataatact	agcttctatt	taaaactata	300
atttaaaata	attctgtaca	atgaaatggg	gaatatatat	gggaataaat	tctattccat	360
ttattttcaat	ttgaattttc	aaattgtaat	gtttcccttt	gtgctatagg	aatag	415

<210> 1126

<211> 386

<212> DNA

<213> Homo sapiens

<400> 1126

agaggaggag	aatcgggagc	agaagaagga	ggaagagatg	aagagaacaa	caaaagaatg	60
aggaaaagag	aagaggacga	caggaggagg	agaggatgag	aaaaagagga	aaggaggaaa	120
ggaagagaag	gaggaggagg	agaaggagga	gtacaggaga	tggaacaagga	ggaggagggg	180
accaggaaga	ggagaagacg	acgagaaagg	agaggaggag	aatcggcagc	agaagaagga	240
ggacgagatg	aagaggtgaa	tgagaggagg	aggaacggag	aacataacga	ggaggataac	300
aggagtggac	atgactgcat	gctgcattca	ctcggacacg	ccgcccctta	tttcaggacg	360
aaccctgggc	ctatgtgata	ccgccc				386

<210> 1127

<211> 423

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(423)

<223> n = A,T,C or G

<400> 1127

aggcagctga	tacactaggc	atagagtgtt	tgacgacacg	agaaaagtgc	agcagcacct	60
cactcgatcc	tgctggcatt	ggctttcagc	tgcttcttaa	ctttgggtga	aacggcagct	120

gccaaccagt	cacactggct	ttttgtgaga	ccactaccat	tcccagagata	cttttgatta	180
gccatgcact	ctgccatagc	ctcaggaggt	tggaactttc	agtacctgga	agaagagttt	240
ttacccaaag	aacagcttct	tcctttatga	tctggccagt	tgtcagtgga	ggaagggtgt	300
tgtccctca	ggtggctgaa	aggtaactac	ataattgata	agagtattag	gaataactat	360
agtcttgccc	ttcaaactga	tcttgaacca	actgtgtaca	tactttgggg	cactaaggaa	420
aan						423

<210> 1128  
 <211> 413  
 <212> DNA  
 <213> Homo sapiens

<400> 1128						
cccacgatt	cgaattccgt	tgtgtgcggg	ggaagactcg	gagtgcgatg	gcggcgcaaa	60
ttccaattgt	ggccaccact	tccactcccg	gaatagtccg	gaacagcaag	aagaggccgg	120
ccagcccttc	ccacaatggc	agcagcggcg	ggggctatgg	cgccagtaag	aagaaaaaag	180
cgtccgcttc	cagctttgcg	caggggtatca	gcatggaagc	catgagttag	aataaaatgg	240
tgcctctga	gttttagcaca	ggacctgtgg	aaaaagctgc	caaacctttg	ccatttaagg	300
atcccaactt	tgtgcactct	ggccacgggtg	gcgcagttagc	tggcaagaag	aacagaacct	360
ggaagaacct	gaaacaaatc	ctcgcttctg	aaagggcatt	ggccgtggca	acc	413

<210> 1129  
 <211> 333  
 <212> DNA  
 <213> Homo sapiens

<400> 1129						
aacccactg	taggagcact	cttgaagaaa	atctgcctta	ccatctttaa	caagagttaa	60
aaaatacttt	tttctttaaa	agttacttac	tgatccagcc	ctttataaga	agaaaaaccc	120
ttagtcccca	ttttctaaca	gtgaatttat	tagttttctt	taaagaaaac	aataataaaa	180
gaccagtc	aaatctat	tattcatcaa	gaatcttctc	ctattgagtt	gcttcattcc	240
attaagctta	aatcagccta	gactgaaaga	acctcagata	cttaagggtg	gttcattatg	300
ttctatagat	attctactta	tttataatga	ggc			333

<210> 1130  
 <211> 418  
 <212> DNA  
 <213> Homo sapiens

<400> 1130						
cgttgctgtc	ggtgactctc	tcttctagag	aagaggtttt	caataacagg	gotttggaat	60
gaacgtagaa	ggggaaatag	atcttttcag	atgctgcttt	cccatgtaat	acaagcgttt	120
ctacagggtg	ccagagggtg	gaaatatgtg	acacttaaga	acagtgattt	ttattgggaa	180
ttttcttagg	gttattacac	ttaaagcaac	aaccaactag	taacagctcc	aggaaagggg	240
aatgaatcaa	ctcttggttc	tttctgaag	acggcagtg	tgtggataag	tgagttttta	300
atgccttggc	agtggtctaca	tttgacactt	tagaaaaaat	aaacatattt	aataattttt	360
gtttctcctt	aggaataaga	ctgtagaact	gtttgtact	gtgaattacg	gatgctct	418

<210> 1131  
 <211> 389  
 <212> DNA  
 <213> Homo sapiens

<400> 1131						
caaatggttc	ttatttagga	aacacacaca	ttattacctt	agaaaatatt	tcattatatt	60
tgcaagctac	ataaaatagt	tcttgtatgt	gtataattta	ttttatccta	tcattctaga	120
aaggatttta	attgggtctt	atttttaaatg	tatgtctatg	taatttcctt	acttataaaa	180

taaacttggt	tattatagga	tagtattaac	tgaacaaaag	gctgtataat	tttctgtaca	240
catatgaata	ttttctaact	cattttcatt	catctcaact	ttagaatgtc	tcatttttct	300
tgactaaaaa	actctcagag	ccaacagtta	tgccctccaa	aggaagcaat	gcaggtgata	360
ataagtgaaa	aaatgctgat	acagaccct				389

<210> 1132

<211> 422

<212> DNA

<213> Homo sapiens

<400> 1132

cggtgctgtc	gggcaactaa	acctgtcctc	ttgaattact	tcttcactgc	gctttctgag	60
gaaatgctga	ttggttactg	ctaaagattc	cactaacaat	tcaaattggg	gatcctttgt	120
cccatggcat	gaaaatgcc	atgcccgcat	gcaaaaatgc	tgaaggctcg	aaagacagat	180
tggttttggtg	aaagtaaaga	gctctggtct	ggaagaaact	gtttccctaa	agcgtgttcg	240
ggtgtgattt	gtgtgggggg	ctgaaagcta	ctgcatgaat	cataacgggt	cattgaaatg	300
tatggacctt	ggtttaaatc	cagggaccctg	gctcccaaac	acactcttga	aatgctgttg	360
aaaactgttt	tataaagcta	agaattgcac	ttcttgaggt	ataaaaacca	aacggaagtt	420
gg						422

<210> 1133

<211> 415

<212> DNA

<213> Homo sapiens

<400> 1133

ggcacgaggc	tgcagccgct	ggccccgaaa	tgctgtctcg	gcgagcaggg	gtcaggcggg	60
aaaagaagac	tccaaatcca	ttctctgtct	gccccaggg	caatgctgcc	aggagagggg	120
gtgggttccc	ccgcaggcta	tcccccgat	ggggtgaga	gcttaatttg	gggttttatt	180
tgaattggag	acattgttcc	ctcttcgctc	ctctacccca	taaaattccc	tacaaatgca	240
aaaattcgag	atagaagaag	ccgtccctga	aagtaagttc	tgaaggattc	ctttcatgag	300
gtgaaggaa	aacaacaata	ttcaacttca	ccttggtgtg	tgaggggtcg	cgtgttttaa	360
aacactatcc	ctgtagaaag	attagtgaaa	tgtattggaa	gaagtagtgg	aaacg	415

<210> 1134

<211> 391

<212> DNA

<213> Homo sapiens

<400> 1134

ttgtctgtgg	gaatttcaac	agaaggtaat	acacaggcaa	actacacttg	aaggcaacat	60
ttctctctgg	ctttcccttt	ctacacagag	agatattcta	actgatttgc	aagggtgctt	120
ctcagttggc	cggaatgaga	tattttcaga	tgaaagccta	tgactctgtg	tcactttccc	180
ccttattttt	gaatctcatg	tcttagttct	gcaggcactg	ttatttttaa	ttattattat	240
tatgctgtgt	gccaaagctat	tccactttac	acagagttag	ttagagacct	gacaaatcca	300
ggccaacata	aagtctctggc	ttccagatca	gactactgtg	acaaagaaaa	aaaagaaatc	360
taccaaagtg	ccagctttta	gaaagctctt	a			391

<210> 1135

<211> 391

<212> DNA

<213> Homo sapiens

<400> 1135

ttgtctctggg	gctttccatt	ttaaacctga	cctttctggc	tctgggtttt	tcatttttaa	60
acctgacctt	tctggttcca	ggtgaaggca	gagacagata	aaataggatt	attgtatgtc	120
agtatgtttt	caactatttc	tcttgaaact	tggaaacgta	ttagaccatg	tgggatacca	180

cgcgggacggg	aacgggggat	aaatgtgtgt	tcatatatac	tcctccacaa	atatacatgt	240
ctcaggctgg	gcgcagtggc	tcacgcctgt	aattccagca	ctttgggagg	ccaaggccgg	300
cagatcactt	gaggtcagga	gtttgtgacc	agcctggcca	acatggtgaa	accctatctt	360
tactaaaaat	acaaaaatga	gccgggctg	g			391

<210> 1136  
 <211> 432  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(432)  
 <223> n = A,T,C or G

<400> 1136						
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atgtgacttg	tttttctcct	cctttgcctt	tctctttgga	ggcctgtagg	attttctttt	120
tgccctctgg	gttctataat	ttcacagtga	tgttgtggg	tggaaatctt	tctcattttt	180
tgagctgtgt	ctttgtttat	cttttttcca	tttgggtaac	aatctatatg	ttttgttggg	240
agatcaaaca	aatatcagta	tctgcatgtt	ttatctcttg	ggccaattgg	ttttcttaga	300
gaagaacctc	ataatctgct	cagggagtta	gtttaagacc	agcatcattg	tgggagccca	360
gtggtggaag	caggaatgat	gtcctcacca	tttgggtgtac	aggttctcac	ataatgcctc	420
tgttctcagt	cn					432

<210> 1137  
 <211> 387  
 <212> DNA  
 <213> Homo sapiens

<400> 1137						
gtgatcaaaa	gaaatcccca	gtaattctga	aggccgcgta	aacagcgaac	gaaaggagag	60
agggaaaatg	atcccggccg	cctggaagcg	agaggcagcc	acagacacac	tgttccggaa	120
accgcaggat	gtaactgggg	agtcctggag	agtgactaga	accggaaagg	gggcagacgc	180
tttgagggag	gcaggcgggg	gaacaaaacg	ggtgcagcca	gcaggctggg	ccgaggttcc	240
gggggacatt	tgtcctgggt	gttgaagcaa	gctggctcct	ggccgcttac	ctagtatcct	300
gtgaactctc	acatggcatc	gtcaggaacg	aagcgcagcc	attcagtcaa	agcggccggc	360
tggagaggga	acaagcaggt	gcagctg				387

<210> 1138  
 <211> 421  
 <212> DNA  
 <213> Homo sapiens

<400> 1138						
cgttgctgtc	gcagagacag	ctccgtccct	agtggagcgc	aggggaggga	gaagtcatga	60
caggcgagg	gggttctgag	gttcacctag	aatcaatga	cccaaacgtc	atttcacaag	120
aggaagcaga	tagtccttca	gatagtggac	agggcagcta	tgaacaatt	ggacccttga	180
gtgaaggaga	ttcagatgaa	gagatatttg	taagtaagaa	gttgaaaaac	aggaaggttc	240
tacaagacag	tgattccgaa	acagaggaca	caaatgcctc	tccagagaaa	actacctatg	300
acagtgccga	ggaggaaaat	aaagagaatt	tatatgctgg	gaaaaataca	aaaatcaaaa	360
ggatttacia	aactgtggca	gacagtgatg	aaagttacat	ggaaaagtct	ttgtatcacg	420
a						421

<210> 1139  
 <211> 422  
 <212> DNA

<213> Homo sapiens

<400> 1139

cgttgctgtc	gggagacggc	gggagccgct	gctctccggc	tgagggaatc	agagacagct	60
ccgtccctag	tggagcgcag	gggaggcaga	agtcacgaca	ggcgagggtg	gttctgaggt	120
tcacctagaa	atcaatgacc	caaacgtcat	ttcacaagag	gaagcagata	gtccttcaga	180
tagtggacag	ggcagctatg	aaacaattgg	acccttgagt	gaaggagatt	cagatgaaga	240
gatatttgta	agtaagaagt	tgaaaaacag	gaaggttcta	caagacagtg	attccgaaac	300
agaggacaca	aatgcctctc	cagagaaaac	tacctatgac	agtgccgagg	aggaaaataa	360
agagaattta	tatgctggga	aaaatacaaa	aatcaaaaag	atttacaata	ctgtggcaga	420
ca						422

<210> 1140

<211> 419

<212> DNA

<213> Homo sapiens

<400> 1140

cgttggtggc	ggctgcgccc	ggtttgccc	ttctttgtag	gagagtttca	tccgccctga	60
aatggtgccc	agcgttaata	actcctcagg	tccctgcctg	cacagggttt	tttcttaatt	120
tgttgccata	gagtacacca	aatgtgacat	cctttcacca	atatagatta	cttcatacca	180
cattgtcaag	gaaaggacta	gaagaatttt	ttgatgacct	aaaaaactgg	gggcaagaaa	240
aagtaaaatc	tggagcagca	tggacctgtc	agcaactaag	gaacaaaagt	aatgaagatt	300
tacacaaaact	ttggtatgtc	ttactgaaa	aaagaaacat	gcttctaacc	ctagagcagg	360
aggccaagcg	gcagagattg	ccaatgccaa	gtccagagcg	gttagataag	gtagtagag	419

<210> 1141

<211> 417

<212> DNA

<213> Homo sapiens

<400> 1141

cgttgctgtc	ggccgggttg	gcccttcttt	gtaggagagt	ttcatccgcc	ctgaaatctt	60
cccagcggg	gtaactcctc	aggtccctgc	ctgcacagg	tttttttctt	agtttggtgc	120
ctaagagtac	accaaagtgt	acatcctttc	accaatatag	attacttcat	accacattgt	180
caaggaaagg	actagaagaa	ttttttgatg	acccaaaaaa	ctggggggcaa	gaaaaagtaa	240
aatctggagc	agcatggacc	tgctagcaac	taaggaaaca	aagtaatgaa	gatttacaca	300
aactttggta	tgtcttactg	aaagaaagaa	acatgcttct	aaccctagag	caggaggcca	360
agcggcagag	attgccaatg	ccaagtccag	agcgggttaga	taaggtagta	gattcca	417

<210> 1142

<211> 429

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(429)

<223> n = A,T,C or G

<400> 1142

atatccctca	ttcgaagggtg	gnnggggtnc	anaacaaccc	ctttcatggt	ggaaaggaag	60
ctcatcaaac	gagctctggg	aaagggggca	ttattcacag	agagaaacga	cagcatcgta	120
aacgtgataa	ggtgctgact	gattctgggt	cattggattc	aactatccct	gggatacaaa	180
ataccatcac	agttaccacc	gagcaactta	caaccgcate	atttctctgt	ggttccaaga	240
aaaataaagg	tgattctcat	ctaaatgttc	aagttagcaa	ctttaaatct	ggaaaaggag	300
attctacact	tcagggtttct	tcaggattga	atgaaaacct	caactgtcaat	ggaggaggct	360

ggaatgaaaa gtctgtaaaa ctctcctcac agatcagtgc aggtgaggag aagtggaaact 420  
ccgtttcan 429

<210> 1143  
<211> 435  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(435)  
<223> n = A,T,C or G

<400> 1143  
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cgtggagttt gacatggtca agctggtgga ctccatgggc tgggagctgg cctctgtgcg 120  
gcgggctctc tgccagctgc agtgggacca cgagcccagg acaggtgtgc ggcgtgggac 180  
aggggtgctt gtggagttca gtgagctggc cttccacctt cgcagcccgg gggacctgac 240  
cgctgaggag aaggaccaga tatgtgactt cctctatggc cgtgtgcagg cccgggagcg 300  
ccaggccctg gcccgctctgc gcagaacctt ccaggccttt cacagcgtag ccttccccag 360  
ctgcggggccc tgcctggagc ancaggatga ggagcgcagc accagggtca aggacctgct 420  
cgggcggtac tttgg 435

<210> 1144  
<211> 425  
<212> DNA  
<213> Homo sapiens

<400> 1144  
cgattcgaat tccgttgctg tcggcagctgc aaaacagttc acgccatgat ggaaaggaag 60  
ttgatgaagg agcctgggaa actaaaatta gtcacagaga gaaacgacag cagcgtaaac 120  
gtgataaggt gctgactgat tctgggttcat tggattcaac tatccctggg atagaaaata 180  
ccatcacagt taccaccgag caacttacaa ccgcatcatt tcctgttggg tccaagaaga 240  
ataaagggtga ttctcatcta aatgttcaag ttagcaactt taaatctgga aaaggagatt 300  
ctacacttca ggtttcttca ggattgaatg aaaacctcac tgtcaatgga ggaggctgga 360  
atgaaaagtc tgtaaaactc tcctcacaga tcagtgcagg tgaggagaag tggaactccg 420  
tttca 425

<210> 1145  
<211> 397  
<212> DNA  
<213> Homo sapiens

<400> 1145  
cgttgctgtc ggttcaggtc actgattggt tggaaagcct gataaactgc cacggccacg 60  
aggagtctaa ggacacatcc aatttccatt cgcattccaaa atggaatccg agacagaaag 120  
aggaccttag ccttcatatc tgtttttttc ttatgaagct tcttctgggt ggaaacttgt 180  
caaatttcat caggtaaaga gtgctaaagt gaacctgtaa actttgtttc aaaaaacaaa 240  
aaccgaagtt taagaaatct aaagatggtg tcagccttag acagatctct ggactgtaat 300  
ctgggaaagg tcaaataaga tctccaatcg tgtacaattc caaatcatt tgagagcagt 360  
gggtctgaaa atgtggttcc cagaccagca gcatcaa 397

<210> 1146  
<211> 391  
<212> DNA  
<213> Homo sapiens

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<400> 1146
cggtgctgtc gatcattttca tggaaatata ttttcttcac atttggggccc caacagcaca      60
ggtgttgcta tattttttgtg gtgaggaact gagaccaggg gaagtcacgg tactttgccc      120
aaagtcaccc cgatgtcaag cgtttagagca agaatttgaa cccagagct taactcttaa      180
ccattttgct aactggctgt ctctccaggg ccccatcacc ctttccatca ccctcccctg      240
ccccaggggc atcctatcaa atggcagttc cccctcgcgt tgcctcagca tctccaattt      300
agagcttcat ggatctcctc ctgttgaaat catgggatgg atttcccatc tcagaaactg      360
cacaagaaac aaccttggag ttttgaacaa g                                     391

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<210> 1147
<211> 396
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

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<400> 1147
ggcacgaggg ctgctccagc agcttggatt cagagtgaga aggcataaag gagaatgccc      60
agctgacttg tgcagtgggt aattgaaatt attcaggcaa gagatgatgg tgtcttggac      120
caggggatga ggaaggctac aaaatgtgtc tacctgtatt ctgtgaggag aacgtgttcc      180
ctgggttttag atactgtgaa gatggatcag gagagagttt atctagactg ttggggaaaag      240
gtgttgcgat tccttcagct acacaggatt gaaaggagac atttctgaag gggaaaaagg      300
aaatgaaaga aaagatgttt cagattgagg atatgctgtg tggatgaact gttcttcact      360
ctgttagggg tcacaaatga ctcttcactg ccctcn                                     396

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<210> 1148
<211> 401
<212> DNA
<213> Homo sapiens

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<400> 1148
ggcacgaggg acattgaagc aacactcagc gttgcctagc gttaaaggca ctgcagagaa      60
atgaggtgca gaggtggccc ctctgagtat ttatttgact cagggtaccag tggtagatat      120
atacagtgtg attatgacca ggctggtaaa attggctgct cgcaaacaaat cccctttttt      180
cctggcagta tttggaattt atcatttatt aataactata cattttttaa ggcagaagaa      240
gaaaatctat ctatcatcta tctatctatc tatctatcta tctatctatc tatctatcta      300
tctatctaaa tgacctgaca gaagaaaact gttaaaaatg gatattattg gaggggattt      360
aaaacagtgg gtgtgaatta tcattctgat ggaaagaaaa t                                     401

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<210> 1149
<211> 394
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(394)
<223> n = A,T,C or G

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<400> 1149
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taactgaatt ttttcacaca agaccttgag atttggtaga aaataggatc tgtttgatct      180
gcttgctctg gctcccaaaa gtgctgggat tacaggcgtg agccaccacg cctggccctt      240

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ttactgttct	ataaaataag	aagaataaaa	ggggtatttg	aggtacatgc	atttgaagtt	300
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<210> 1150  
 <211> 370  
 <212> DNA  
 <213> Homo sapiens

<400> 1150						
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tatgtaaaac	aaaagaaaag	ccactaaaat	gcaaatttct	gcctaagtat	tatatgttat	180
atgctagaga	acacagataa	tcatttgacc	aagtaggaag	gaaaacaaga	aatgaaaaa	240
agtggaaaga	agagaaagtt	tgtaaatgaa	aaaagtttca	aatgctgagt	ttctaaagaa	300
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acatttttgc						370

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 <212> DNA  
 <213> Homo sapiens

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tcctttttcc	ccttgatct	ttttaaaaaa	ttgatttata	aaagcacttg	tgaggctgag	180
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cttattgcac	tccag					375

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 <211> 371  
 <212> DNA  
 <213> Homo sapiens

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ttttaagagt	tcaggttaac	ctatgctgag	gaaattaata	gcaaaaagaa	aaggccacaa	240
tcaagacgga	aaggatttaa	gtttttattaa	tgattattaa	gtgcattatt	tatagtagaa	300
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<210> 1153  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<220>  
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 <223> n = A,T,C or G

<400> 1153

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accttaggtg	aagagtaagc	gtaagtattt	ttttcttana	tgctaagcac	tggatgaaag	180
tcctctgaca	atcacaacac	tatttgtcaa	tacagtagta	aacatttgtt	tcagatttaa	240
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<210> 1154

<211> 381

<212> DNA

<213> Homo sapiens

<400> 1154

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ctggcccacc	gttcgcatcc	tgttgcacag	tcaggttcct	aacaggccac	ggaccagctg	180
aggaccctcg	ctctagagaa	tcgccaatg	tgagggtggg	catgaaagt	tcaaacaggt	240
gttaaaggca	aagtgatata	aaagaatcat	cactgcagtt	ttaaagagtc	ctataaggaa	300
gaactctcat	ctttttctct	tgatcaaatt	cactttcaga	ccaaagaaac	atgcatatag	360
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<210> 1155

<211> 394

<212> DNA

<213> Homo sapiens

<400> 1155

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tcccatctac	ttgggaggt	gaggcaggag	aagagcttga	acccgggaag	cagagggtgc	180
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tttagaagtc	atttagttag	ggtcattcta	aagggtgaag	tattgagatt	taatacagag	360
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<210> 1156

<211> 373

<212> DNA

<213> Homo sapiens

<400> 1156

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caggaagcga	aactagctag	tcttccctat	aaagatagct	taaagcaaaa	caaaactagc	180
acaaatatat	tgctagccac	catggccaat	aactgaatta	ggccagttat	tggttcagtg	240
gatacatctg	tgagatcctt	aattattgctg	aagaacagaa	gcacagaaac	caccagagaa	300
gacttatgta	agaatgggga	tagaggttta	aatcccatgg	gtggcaggca	gcaggcactc	360
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<210> 1157

<211> 369

<212> DNA

<213> Homo sapiens

<400> 1157

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ttaaagtttg	agatacactt	gtctataatt	ttcctcaaat	catgaaatga	aactgaccac	180

aaaattttca	aaaccactga	gaaaattttt	ttcaatgtgt	gatctagaat	agcttacacg	240
gcagttctaa	ttattttggt	tgtttacact	atttttaaaga	aaagttcggc	cgggcacagt	300
ggctcacgcc	tgtaatccca	gcactttggg	aggctgaggc	gggtggatca	cgaggtcagg	360
agatcgaga						369

<210> 1158  
 <211> 235  
 <212> DNA  
 <213> Homo sapiens

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gaaaacgcaa	cgcgcctcag	gttgaaatcc	tcctcctctg	aaatctatga	gcctccgccc	120
ccttctcaga	gacgttccaa	gcctccactg	gccccctcac	cctctcgttt	aagggcacca	180
cattctggcc	cggcgcggtg	gtccacccct	gtaatcccag	cactttggga	ggccg	235

<210> 1159  
 <211> 378  
 <212> DNA  
 <213> Homo sapiens

<400> 1159						
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ctactattat	aaatatcttt	attttatttt	tttgagacag	aatgggtgctc	tgtccctctg	180
tcgccgagat	ctgtagtac	cccatctctt	gctttgagtg	gggcgtccca	agaattatag	240
gaacagggct	gatgggcatt	tcagccacaa	caatgtcctt	gacaacaaaa	aaaagatcgt	300
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gcgctctgga	ttgcatgg					378

<210> 1160  
 <211> 404  
 <212> DNA  
 <213> Homo sapiens

<400> 1160						
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gtaaatgaaa	ttaaagatgg	tgtacaccca	tcattgtaaaa	agcaggcacc	atctctaaga	180
tggatttaat	gtcatttttt	aaggcatata	ctcagcttct	atttaaaact	ataatttaaa	240
ataattctgt	acaatgaaat	ggggaatata	tatgggaata	aattctattc	catttatttc	300
aatttgaatt	tccaaattgt	aatgtttccc	tttgtgctat	aggaatagga	ttaaatgggg	360
gaagactagg	atttataagg	cctgtatatg	gggggagggc	agag		404

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 <212> DNA  
 <213> Homo sapiens

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tagtcactat	taaattgggg	ttacctatat	cagtacaatt	tgtagtgtgt	tccaggtttg	120
gctaataatc	attccttaac	ctagaattca	gatgacctg	gaattaaggc	aggtcagagg	180
actgtaatga	tagaattaaa	ttagtgtcac	taaaaactgt	cccaaagtgc	tgcttcctaa	240
taggaattca	ttaacctaaa	acaagatgtt	actattatat	cgatagacta	tgaatgctat	300
ttctagaaaa	agtctagtgc	caaatttgtc	ttattaaata	aaaacaatgt	aggagcagct	360
tttcttctag	tttgatgtca	tttaagaatt	actaacacag	tg		402

<210> 1162  
 <211> 400  
 <212> DNA  
 <213> Homo sapiens

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 gtcaagacta ctgagaagaa ggagctatgt gaattaaaac ccaaatttca ggaacacatc 180  
 attcaagccc ctaagccagt agaagcaata tgaagaccaa gcccagatga accaatgacg 240  
 aatttggaat taaaaatatac tggctcccta aaacaagcac ttgataaact taaactgtca 300  
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<210> 1163  
 <211> 402  
 <212> DNA  
 <213> Homo sapiens

<400> 1163  
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 tttgtgaaag agaggaaatt gtgattgggt aaggcatctg agccagcctg gctgtcaagt 300  
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<210> 1164  
 <211> 373  
 <212> DNA  
 <213> Homo sapiens

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 tcacagaatc aaatggatgt gacacgggaa taaagacatt gatagatata cacattctca 180  
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 aataaggat aaacaacgaa agatgaaaag atacggtata ggaaactggg agcaaatgga 300  
 attatcataa ccttgaaggg agaccccccc aggacagtgt gggttccata taataagggg 360  
 ttgggcctcc gtc 373

<210> 1165  
 <211> 397  
 <212> DNA  
 <213> Homo sapiens

<400> 1165  
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 ttcatacact gattattttt tttaaaatca gctattacag gatatttttt tattttatac 300  
 atgctgtttt ttaattaaaa tataatcact ggaagttact aatttgattt tataaggttt 360  
 ggagcattac agaataacta aactgggatt tataaag 397

<210> 1166  
 <211> 367  
 <212> DNA  
 <213> Homo sapiens

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 accactagtc tcagtctgga ccatttcccg cagtgtgctt caaagattcc gtgtgtgtgc 180  
 catgatatga aaaaagtacc tgccctcaaa gaacttacia tccagtaaaa agaataagta 240  
 cccaaatcac tgtaataaaa ggtagtataa ggccggggcg agtggctcac acctgtaact 300  
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<210> 1167  
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 <212> DNA  
 <213> Homo sapiens

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 gagaggagaa taacaaaaac ttcagaaatt cctaagggtg taataagaaa gtgggttttg 360  
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<210> 1168  
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 <213> Homo sapiens

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<210> 1169  
 <211> 404  
 <212> DNA  
 <213> Homo sapiens

<220>  
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 <222> (1)...(404)  
 <223> n = A,T,C or G

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 aacttaaggg tatttatagt ttaattccat ttcagtttta tagagggcag taattattct 180  
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caatttctta	taaccacaa	tgtagcatca	ataattgata	gcatgtattt	tatttaatta	300
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<211> 402

<212> DNA

<213> Homo sapiens

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tctttatcat	attagaacta	ctaagcagat	ttccaaaaac	aatccatgag	atgaagttag	180
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gagcatattg	tgttccttaa	ataaccagat	gttctttcct	tcctgaaggc	agtaagggtc	360
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<211> 398

<212> DNA

<213> Homo sapiens

<400> 1171

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gctgaaattg	tgtttgacat	tctgagggtt	ttctttttct	ttttcctttt	tttttttttg	180
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gagaactgga	aaaaaaaggg	ccccccaccc	accccttat	attttgtttt	taaagaagag	360
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<210> 1172

<211> 400

<212> DNA

<213> Homo sapiens

<400> 1172

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ctggttattg	catattcctt	tccttgggaag	cgaaagagaa	atgtttttct	tggtgcattg	180
attacatttt	ataaatttgc	ttaactggaa	agtttgggaa	aagaagcctg	tttgtcaatt	240
gtacaaccga	ttgtgaagct	ctagtgtgaa	tattttttacg	tctgtattaa	acattttctt	300
tgcaaatcta	ttgttcgatt	gaaatgtaa	tgaaattaaa	gatgggtgtac	acccatcatg	360
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<210> 1173

<211> 397

<212> DNA

<213> Homo sapiens

<400> 1173

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gtcatggact	actgagaaga	aggagctatg	tgaattaaaa	cccaaatttc	aggaacacat	180
gattcaagcc	cctaagccag	tcaaagcaat	atgaagaccg	agcccagatg	aaccaatgac	240
aaatttggaa	ttaaaaatat	ctgcctccct	aaaacaagca	cttgataaac	ttagactgtc	300

atcaggggaat	gaagatcata	agaaagaaga	agaccatgat	gaagttaaga	ttggggacctc	360
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<210> 1174  
 <211> 369  
 <212> DNA  
 <213> Homo sapiens

<400> 1174						
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aatcactaga	gatgttattc	cactatcacc	aaatagtata	ttgttaccat	ctgttaacct	180
acaaccttgg	gtaagatggg	ataagttaac	atcagttgca	acatacacat	tcaatgtaaa	240
atagctttta	cacaataaca	actattttgg	tttattgaaa	caagttcaca	cattgtcatt	300
aaaaaggcat	tttgaattca	ctgtattttt	attaccttaa	ttctgttgaa	catgggaaag	360
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<210> 1175  
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 <212> DNA  
 <213> Homo sapiens

<400> 1175						
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ccctgctgct	gacgctgccg	tcactggttc	tagctctcac	attctcagct	gcacgtttct	180
gtttccacct	cagtaaacgc	aaactcctgt	tcataggcac	agctgtcact	gcagcacaca	240
aggactcagg	tttgtaaaga	caaacgattg	atgtgtgtgt	gacgtgctgc	ttgtttgcac	300
tggattttgc	aaattattta	ctaaagaaaa	gtacttcaga	ccttttgtgg	cagacaataa	360
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<210> 1176  
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 <212> DNA  
 <213> Homo sapiens

<400> 1176						
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ttttcttctt	tgggaaacca	aacatacaaa	tgaatcagta	tcaattaggg	cctggggtag	180
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agggactgaa	acaatgagaa	agaatacagc	acaacccttg	gacaaaatgg	aattagaaaa	360
tatatttagg	tttatagcag	aagcaagttc	aattgggttg	ttggaaag		408

<210> 1177  
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 <212> DNA  
 <213> Homo sapiens

<400> 1177						
aggcccagag	tcgggggaag	ttttgtgaga	gaagccacat	tagagaccag	aggagaagta	60
ccaattttggg	atgaccttct	accaaagacc	tcaccgattt	caaggacagc	tcagctgttc	120
ctatcctctt	tccttcattg	cactgttttc	tgtttatatt	tatatatata	tttgtaatta	180
cttgactaat	atctgcacac	attgcctgct	ctaagctctt	cagcatcagt	cttttttata	240
attttgtccc	acagtgtttg	acaagcaata	gttactcaat	aaatatcatt	tgaatgaatg	300
aatgaaccag	taaacgaagt	gacatttgaa	tatgcaagaa	acccctaagt	ttgagaatcc	360

tggttgccag

369

<210> 1178

<211> 363

<212> DNA

<213> Homo sapiens

<400> 1178

gacagatagg	agaaagctat	catatattat	gttctgtaga	atgcttcttt	tggtggcattc	60
agaagaaatg	acccatgttt	gaagatctga	atttaattaa	gtctacacag	aatatagttt	120
aaaggcgtga	agactttgct	attagtataa	ttaatacttt	ttcttaagac	attgtttatc	180
tacagaagga	ctaccatatt	caagatttaa	aggtagattg	tttttggtca	catcattttg	240
atcttaggtt	ttgctggaag	cattcacatt	aagggggcct	ttaatttatg	tatgctttaa	300
gaatacttaa	tagctaattc	acataattaa	aaaaaaaaa	ccggcctagg	ctcgggtggct	360
taa						363

<210> 1179

<211> 361

<212> DNA

<213> Homo sapiens

<400> 1179

gaggattgta	acagggaaag	catttagggg	tttcaggcag	aggaacagtt	ggccaaggaa	60
gtcagcttct	cagagctcaa	gagtagatct	gagtttaact	cattaaagat	ggcatggaag	120
agcagtgtca	taatgcaaat	gggaagattt	cttctcttag	taattttatt	tctgccacgt	180
gagatgacaa	gttctgtttt	aactgtgaat	ggtaaaactg	agaactatat	cctggatact	240
acacctggct	cccaagcatc	tctgatatgt	gctgttcaaa	accacaccag	agaggaagaa	300
ctgctctggg	accgagagga	ggggagagtg	gatttgaaat	ctggaaacaa	aatcaattcc	360
c						361

<210> 1180

<211> 369

<212> DNA

<213> Homo sapiens

<400> 1180

cacatgcaac	agaaaggcac	agttttattt	caaacaaagc	agtgttttgc	tgtaacaccg	60
ttaaaaactg	gaaaggaaaa	ctcaatcaaa	ccaaaaacta	gatgcttagg	aataaatggg	120
agaattctta	caaaaccacc	acgcttcaat	tcaatctaaa	tcaattcaac	aaatctgtgc	180
tgaaagtata	acatttagtt	ttcttagaca	ccaaatgaac	aatacaaaat	ccctcaaggg	240
acttagaaca	ttcaagtttt	ctatatctgt	ggttctaagt	ctgttaccaa	cttccaggac	300
tctgcttctt	tccctctgcc	cattaacaat	gcgggggtta	aagtgaactt	ctaccactat	360
gtttctttac						369

<210> 1181

<211> 407

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(407)

<223> n = A,T,C or G

<400> 1181

ggcacgaggg	tggtgcagc	cgctggcccc	aaaatgctgc	tggggcgagc	aggggtcagg	60
cgggaaaaga	agactccaaa	tccactctct	gctcgccccc	agggcaatgc	tgccaggaga	120





<210> 1185  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(394)  
 <223> n = A,T,C or G

<400> 1185  
 gcgttgccgt cgcaggatga ttctgaggat gactacgggt aatttctgga tcttgggccc 60  
 gctggggggt ctgaattcac taagccaagt ggccaaacag aaagagaacc caagcctgga 120  
 ccgagtcata accaagcagc aaatgacatt gtcaacccca gatcagagca gaaagtcata 180  
 atcttggaag aaggtagcct tctttacaca gaaagcgatc ctttggaac tcagaaccag 240  
 tcatccgaag actcagagac agagctgtta tcaaactctag gagagtcagc tgctctagca 300  
 gatgatcagg ccatcgaaga agactgctgg gtagatcatt cttacttcca gtctctgaac 360  
 caacagcccc gtgaaataac aaaccagggt gttt 394

<210> 1186  
 <211> 385  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(385)  
 <223> n = A,T,C or G

<400> 1186  
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 ttatttttaac acaagctgca ctggaactga cttttgaatt gaaacctctt tccatgcttg 180  
 gttcaaacca atccctatac gtaatgggta tgagcccaga gttggagcca gggctcctgaa 240  
 tccccacctc tgacactntc tggctcttaa tctctgacta tttgtttaac atctatgtgc 300  
 ctccatttct atataacggt ttttacgggt tttattttatt aaacaaatgg ggatacccg 360  
 acccgcgctg acacctgggc aatcg 385

<210> 1187  
 <211> 365  
 <212> DNA  
 <213> Homo sapiens

<400> 1187  
 atttcctttg tgtttttctg taatttacag attttttttc ctcaagtgagc aagtattact 60  
 tttataaacc gaaaaaaccc tgtatttttc atcgagtatt taattaactt atgaagaagg 120  
 ttattcattg tggcattgtt tgagtataaa ataacgaagt ccaacaacag aagacggggt 180  
 aaataaatca tggtatgtcc atgctgtgaa aactatgcaa ctgttttaaa aaatgagaca 240  
 catctatatg taccattatg gaagaatccc aaactataag gatccactga aaaacaaaag 300  
 gaaaaaaaag atgaacaacc actttggaaa gcagtttggc atgatttact gaagtcaaag 360  
 gtatg 365

<210> 1188  
 <211> 362  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(362)  
 <223> n = A,T,C or G

<400> 1188  
 aagccctgtg gctgggtaaa aatacaaaat tagctgggcg tgggtggcaca tgcctataat 60  
 cccagctact cgggaggctg agacaggaga atcacttgaa cccgggaggc agaggttgcg 120  
 gtgagccaag atcacgccat tgcactccag cctgggcaac aagagcaaaa ctccatctca 180  
 nattaaatgc gaggcaaata aaagaggggg gcggtttttt ctggaatgcc caggttgaaa 240  
 aaaacttttt gggggcgcgcg gccaccccc cttgtttgtt gaggaaaaaa aagggttttc 300  
 tttgacaatt gtgtggcccg tgagggtctt tggggccccc cctataaata atagccccta 360  
 cc 362

<210> 1189  
 <211> 366  
 <212> DNA  
 <213> Homo sapiens

<400> 1189  
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 gtccctcccct ctccaacagc cacttaaagg cctccctctg gctcttctca gagaagaaaa 120  
 tcacaacaag gagagaggga ggaaaggcag tacttcaggg catggattca aatctgcatg 180  
 taggagatgg aaaagcaagg tacgagatgg gcagagacac aggaagagca ggagatgtag 240  
 ggtgtggcct tatcacttgc tgggaggtag ggggtgggaca actgagtgag gagctggctt 300  
 atagagcaga ctgtggagtt tagtcctgat ggaggtttct gaaagagaca tgggggtggt 360  
 ggggtgc 366

<210> 1190  
 <211> 391  
 <212> DNA  
 <213> Homo sapiens

<400> 1190  
 ctgcggacct gtgaccggcg gacttggggc cctgatgtct ggattctttc tccgatactg 60  
 agacacggcg cgtagggtcca caggcactat ccaactggaa gttgaattgt gagtgagagt 120  
 gaacaggaac cttccggctt ccggaggggt gtgtggccag tgactcaaag tgagaaggcc 180  
 ctgaaagtcg tcttacgtct catgcggcgc ctgcgccatg gtccttcttg tctcgctcgc 240  
 gtcataacta aggaggaacg agggccgagg agtgtaaggg ctcaactcgaa gcttgggtgc 300  
 tgtttgcggt atccgaatcc cactagcacc tgggaacccc actgaagact ctgcactccc 360  
 cacacggaac caggagaggt acgccatgac g 391

<210> 1191  
 <211> 375  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(375)  
 <223> n = A,T,C or G

<400> 1191  
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 cgcacaatgg tgaagaaaaa gctgccttct agtgacacgg tgttccggtt tgagactccg 180

ggcagcccaa	ggaaggccaa	cgtggaggcc	tacgcagct	ccacagacag	ccccagctcg	240
gtgttcctca	gctcagaggc	tgagaatggg	gtggaggaga	aaaagaaagc	ctgcaggctcg	300
ccaacagccc	aatcccctac	cccatctgtg	gaggcggact	cctcagacca	gaagaanatc	360
attagcctat	ggtcn					375

<210> 1192  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<400> 1192						
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tcctctgcag	gcaccgagtg	agcagcgtg	ggattctggg	actggagagg	gccctgggaa	120
ccctccaggc	ctgccccctg	gtgggtgagc	ctggttctgg	ggcctcccgg	agaatttttt	180
ttttcctgga	aaagagggag	ggtaggggtg	gagcgtgaca	cctgggcagg	tgtcccttgt	240
ctccatcctg	gccctgcatg	ctgttaactc	aggtgggtgtg	gctgcccag	cctgggcaca	300
gccaccgctt	ccaggtgctg	agtgtggcca	ccgacgggaa	ggtgctactc	tggcagggca	360
tcggggtagg	ccagctgcag	ctcacagagg	gctg			394

<210> 1193  
 <211> 395  
 <212> DNA  
 <213> Homo sapiens

<400> 1193						
gagcatatta	tcaaggtaaa	atgcagcgtg	aatagtagct	gacaattttg	aaagctgtta	60
aagtccttca	ggcaagtttt	agaggagtaa	gagtttagacg	gactcttaga	aagatgcaga	120
ctgcagcaac	actcattcag	tcaaaactaca	gaagatacag	acagcaaaca	tactttaata	180
agttaaagaa	aataacaaaa	acagtacagc	aaagatactg	ggcaatgaaa	gaaagaaaca	240
tacaatttca	aaggtataac	aaactgaggc	attctgtaat	atacattcag	gctattttta	300
ggggaaagaa	agctagaaga	catttaaaaa	tgatgcatat	agccgcaact	ctcattcaga	360
ggagatttag	aactctaata	atgagaagaa	gattg			395

<210> 1194  
 <211> 408  
 <212> DNA  
 <213> Homo sapiens

<400> 1194						
cgattcgatg	gggtgtccgg	catcctcagg	gggtgtgtgt	tgtgtggggg	gtctctgagc	60
tgaacttggg	tgggggtggg	acttgttctc	cgggggccac	ctttgtgtcc	ttgtcagcgg	120
tcgtcctgct	gtggcctggg	ttgcatttcc	tcttgggggg	ggtattgagg	acccccagcc	180
tggaatgaga	aggggtccccg	gctccatgtc	agaaccacaga	aaggtggatc	ccccactgt	240
tgactgcatg	aagttttttg	tacccccctt	ttgggtccaga	acccgtctgc	ctttcccttg	300
gggacaaggg	ggccttttga	tggcaactgg	tgtgacctgg	acccagcccc	gcgctggcat	360
gatccagaaa	tggggcccg	acatccttgc	gggcaggagg	caccgtcc		408

<210> 1195  
 <211> 362  
 <212> DNA  
 <213> Homo sapiens

<400> 1195						
agatcagaat	aagagtctct	aggttatctg	ctcaacagaa	gctaagacca	ctctgatagt	60
cattataaca	gtttttcttt	agttacttcc	ataattagat	ttgttttttt	aaaaagcttc	120
cccccgctga	cttttcttta	aacatgggtt	taaaggatgt	gatcaattta	gtaatgagga	180
agttgttgaa	ggatgtctgg	ggttaagaag	ctgaaagctg	acagattcag	tgtaatccct	240

ttccccacag	gggctgctgg	agtcctctgc	agagaaggcc	cctgtgtcgg	tgtcctgtgg	300
agggtgagagc	cccctggatg	gtatctgcct	caacgaatca	gaacagacag	tcgcgctttt	360
ct						362

<210> 1196  
 <211> 388  
 <212> DNA  
 <213> Homo sapiens

<400> 1196						
cgttgctgtc	ggaacacgcg	gctagaaatc	atctacccca	ggaatttttt	tttttttttt	60
tttgggggca	ggtgggaaaa	aaaaaatggg	taaataaaaa	agggttttgt	tgggggtgcc	120
cggaaaaacg	gttatttttc	tccctatggg	gaaactgggg	gagtacgcta	aaattttgcg	180
aaccgggggt	gggttaaacc	ccccccaccg	gcctcttttg	cgggttaaaa	ttggaagagg	240
ggggaaaagg	tttcctttta	tggggggaaa	aattggattt	atagtcaaaa	gggggcctat	300
ttttctgcct	gagaaaaaaa	cccccccgag	ggccaagggg	gtccctggat	aaccccccg	360
aaccaaaaag	gaaagggggc	gcttcctt				388

<210> 1197  
 <211> 408  
 <212> DNA  
 <213> Homo sapiens

<400> 1197						
cgttgctgtc	gggacatggc	acctttcttc	tgtttcctgg	aaaccattta	ccagaaagtg	60
acgggcaagg	agctgagata	cgagggcctg	atgggcaaac	ccagcatcct	cacttaccag	120
tatgccgagg	acctgatcag	gcgacaggcg	gagaggcggg	gctgggccgc	ccccatccgg	180
aagctctatg	ctgtgggtga	taaccctatg	tctgacgtat	acggcgccaa	cctgttccac	240
cagtacctgc	agaaggcaac	gcatgatggg	gcgccagaac	taggggccgg	gggcacacgg	300
gagcaacagc	ccttagcaag	ccagagctgc	atcttcattc	tgggtgtgtac	aggcgtctaa	360
ccatcccagg	aacccaaca	gtccacggag	cctggtcctt	ggaagagg		408

<210> 1198  
 <211> 393  
 <212> DNA  
 <213> Homo sapiens

<400> 1198						
ggcacgaggg	aacatgggct	ttgcagcaaa	agcgatgaaa	tctgttcatg	aaaacatgga	60
tctgaacaaa	atagatgatt	tgatgcaaga	gatcacagag	caacaggata	tcgcccaga	120
aatctcagaa	gcattttctc	aacgggttgg	ctttggtgat	gactttgatg	aggatgagtt	180
gatggcagaa	cttgaagaat	tggaacaaga	ggaattaaat	aagaagatga	caaatatccg	240
ccttccaaat	gtgccttcct	cttctctccc	agcacagcca	aatagaaaac	caggcatgtc	300
gtccactgca	cgtcgatccc	gagcagcatc	ttcccagagg	gcagaagaag	aggatgatga	360
tatcaaacia	ttggcagctt	gggctaccta	aac			393

<210> 1199  
 <211> 400  
 <212> DNA  
 <213> Homo sapiens

<400> 1199						
ggcacgaggg	caaggttcac	gtacggccac	gcggggacca	tctacaaaga	cttcgtgtac	60
atctcggggg	gccacgacta	ccaaattggc	ccctaccgca	agaacctgct	atgctacgac	120
caccggacag	acgtgtggga	ggagcggcgg	cccatgacca	cggcgcgcg	ctggcacagc	180
atgtgcagcc	tgggtgacag	catctactcc	atcgggggca	gcgatgacaa	catcgagtcc	240
atggagcgct	tcgacgtgct	gggcgtggag	gcctacagcc	cgcagtgcga	ccagtggacc	300

cgcggtggcgc	cgctgctgca	cgccaacagc	gagtcggggcg	tggcagtggtg	ggagggccgc	360
atctacatcc	tggggcggtca	cagctggggag	aacactgccc			400

<210> 1200  
 <211> 408  
 <212> DNA  
 <213> Homo sapiens

<400> 1200						
ggcacgaggc	ctctcgggcg	ttggatatta	atacggtcac	cgtggagttt	ttcctggtgg	60
gacaagacaa	cgggcccgtg	gaggtgtcca	cattgcagtg	cttagcgaat	gccacagacg	120
gcgtgcccgt	agcaaccgcg	atcgtggaca	cacctgcaa	tgagatgaac	accgacacct	180
ttctcggagg	gattaacaaa	gttggaaagg	agctggggat	catcccaacc	atcatccggg	240
atgaggaact	gaagacgaga	ggatttggag	gaatctatgg	ggttggcaaa	gccgccctgc	300
atccccagt	cctggccgtc	ctcagccaca	ccccagatgg	agccacgcag	accatcgctt	360
gggggggcaa	aggcacgtgc	tatgaacctg	gaggcctcaa	catcaaag		408

<210> 1201  
 <211> 381  
 <212> DNA  
 <213> Homo sapiens

<400> 1201						
ggagcggagc	ccggagcgtc	gtggaaagca	ttggacacat	ttccaccatg	ctaattggcat	60
tttaaataata	tttggcaatt	ttcccaattt	tttactgaag	aaaactgtaa	gtttatactt	120
gaggactgaa	gtgtgactct	gccgattatc	acgctttcaa	gatgaatctg	gaaaaactca	180
gcaagcctga	actcctgaca	ctatttagta	ttcttgaagg	agagcttgaa	gcaagggacc	240
ttgttataga	agccttaaag	gcccacacac	gagatacttt	cattgaagaa	cgctatggaa	300
aatataacat	cagtgatcct	ttaatggctt	tacagagaga	ttttgaaaca	ctgaaagaga	360
taaatgatgg	cgaaaaggcg	g				381

<210> 1202  
 <211> 402  
 <212> DNA  
 <213> Homo sapiens

<400> 1202						
ggcacgaggg	gatgtctctg	gcgtggtgat	ggaatgtggg	cttgatgtga	aatacttcaa	60
gcctggagat	gaggtctggg	ctgcagttcc	tccttggaag	caaggcactc	tttcagagtt	120
tgttgtagtc	agtgggaatg	agggtctctc	caaaccacaa	tcactcactc	atactcaagc	180
tgccctctttg	ccatatgtgg	ctctcacagc	ctggtctgct	ataaacaaaag	ttggtggcct	240
gaatgacaag	aattgcacag	gaaaacgtgt	tctaattctta	agcgcttcag	gcggagttgg	300
tactttttgct	atacaggtaa	tgaaagcatg	ggatgctcat	gtgacagcag	tttgctccca	360
agatgccagt	gaacttgtaa	ggaagcttgg	tgacagcagat	gt		402

<210> 1203  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 1203						
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cccgatgggg	ctgcctgggg	aggaggattc	aggctctgat	gagccgccct	cacccccgtc	120
aggcctctc	ccagccaagg	tgacgccatt	ccatctgaga	ggcatgagct	ccaccttctc	180
ccagcgcagc	cgtgacatct	ttgactgcct	ggagggggcg	gccagacggg	ctccatcctc	240
tgtggcccac	accagcatga	gtgacaacgg	aggcttcaag	cgccccctag	cgccctcagg	300
ccgggtctcca	gtggaaggcc	tgggcagggc	ccatcggagc	cctgcctcac	caagggtgcc	360

tccggtcccc gactacgtgg cacaccccga gcgctg

396

<210> 1204

<211> 409

<212> DNA

<213> Homo sapiens

<400> 1204

cgttgctgtc	gagcaaagca	gattatgagc	tatacaacaa	agcctcta	cctgataagg	60
ttgctagtac	agcggttgc	gaaaatagaa	attctgagac	tagtgatact	actgggaccc	120
atgaatctga	tagaaacaag	gaatccagtg	accaaacagg	cattaatatt	agtggatttg	180
agaacaaaat	ttcatacgta	gtgcaaagct	taaaggagta	tgaggggaag	tggttgcttt	240
ttgatgattc	tgaagtcaaa	gttactgaag	agaaggactt	tctgaattct	ctttcccctt	300
ctacatctcc	tactttctact	ccttacttgc	tattttataa	gaaattatag	agtgagtgtg	360
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<210> 1205

<211> 399

<212> DNA

<213> Homo sapiens

<400> 1205

ggcacgaggg	atgtaatgcc	tggaaagtat	acaatgaaaa	tctagttcat	atgattgaac	60
acgcacagaa	ggaacttcag	aagttaagaa	aacatattca	agattttaa	tggcagagaa	120
agaacatgca	actcacagct	ggatctaaat	tgagagaaat	ggagtcaaat	tggttatccc	180
tggtcagtaa	gaattatgag	attgaacgga	ctattgttca	gctagaaaat	gaaatctatc	240
aaattaagca	gcaacatgga	gaggcaaaca	aagaaaacat	ccggcaagac	ttctgaaaag	300
acaatttagc	aggtagaaga	aaagttgggc	tttcacaaaa	ggcatctgaa	cttttaatga	360
actttgaagg	acaacagcat	cttcccaaaa	ccattgggtg			399

<210> 1206

<211> 403

<212> DNA

<213> Homo sapiens

<400> 1206

tccaattccg	ttgctgtcgg	cctgggaaac	taaaattatt	tccagagaga	aacgacagct	60
gcgtaaacgt	gataagggtc	tgactgattc	tggttcattg	gattcaacta	tccctgggat	120
agaaaatacc	atcacagtta	ccaccgagca	acttacaacc	gcatcatttc	ctggttggtc	180
caagaagaat	aaagggtgatt	ctcatctaaa	tgttcaagtt	agcaacttta	aatctggaaa	240
aggagattct	acacttcagg	tttcttcagg	attgaatgaa	aacctcactg	tcaatggagg	300
aggctggaat	gaaaagtctg	taaaactctc	ctcacagatc	agtgcagggt	aggagaagtg	360
gaactccgtt	tcacctgctt	ctgcaggaaa	gaggaaaact	gag		403

<210> 1207

<211> 399

<212> DNA

<213> Homo sapiens

<400> 1207

ggcacgaggc	ggggagacct	gggatagcaa	gttcagcacc	atcgccctcca	gctacgaaga	60
gtgccgggct	gagagcgtag	gtctctacct	ctgtctccac	ccgcaagtgc	tggagatctt	120
tggttttgag	ggggtgatg	cggaggacgt	gatctacgtg	aactgggtca	acatggttcg	180
ggccgggctg	ctcgctctgg	agttctacac	acctgaggcc	ttcaactggc	gacaggccca	240
tatgcaggcc	cgttttgtga	tccctgagagt	cttgctggag	gctggcgagg	gactcgttac	300
catcactccc	accacaggct	ccgatgggag	cccagatgcc	cgggtccgcc	tcgaccgcag	360
caagatccgg	tctgtgggca	agcctgctct	agagcgctt			399

<210> 1208  
 <211> 349  
 <212> DNA  
 <213> Homo sapiens

<400> 1208							
tataaatatt	attgtatctg	ctttcatttt	attaaaatta	tcatttattt	tgtttataat	60	
cagcaatgca	ttatatTTTT	gaactatgca	atattttactt	tatttttttta	gcaactcctt	120	
ttcaagaaac	ttttttttaac	aatcaaaata	cacaatattt	taaatagcaa	ctgttattcc	180	
aatattctat	ataaaaatag	tcacgtacac	aaaaagtcag	gtttgtcaga	tattatgaaa	240	
tctgtatata	aaatatacac	atatacatat	atgtatacat	atacaagcat	aagtacttat	300	
ttattatagc	aatctatgct	ttttgaaaga	cagtatggaa	acaagtgaa		349	

<210> 1209  
 <211> 350  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(350)  
 <223> n = A,T,C or G

<400> 1209							
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ttgtaaataa	gtaaggataa	tatttttttac	cccacacaac	tattaagaga	gtagatggg	120	
gaaaaatgca	tggataatat	gggctacctt	gggtgaagct	gaggctcagc	tataacctaca	180	
tgtgaatttt	gtcaactatgt	acattgggtt	tgagcagtg	gacttttttca	ctcagacaaa	240	
tgtcttagag	ctctatgtat	gttagaacia	agagagtggc	ctcctgcctt	ttanagagcc	300	
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<210> 1210  
 <211> 336  
 <212> DNA  
 <213> Homo sapiens

<400> 1210							
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gccaaactaaa	gttgatattg	taaaagtaat	gctatgaata	ttactatttg	acctagacac	120	
atagggttaga	attggaaaca	caggctataa	agtatagtaa	ttgtgtaatt	gtgaaaatat	180	
taaggcttca	actcaaaaact	gaaacacagt	agggcttaga	aatctttgaa	ttattttatac	240	
ccctcagttt	aaaaacttcc	agtccaggcg	cagtggctca	tgccctgtaat	cccagaactt	300	
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<210> 1211  
 <211> 339  
 <212> DNA  
 <213> Homo sapiens

<400> 1211							
ccaaggtacg	gctgctagaa	cacgaccgaa	gggccatagc	taaattatct	aactatgtta	60	
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gggctgactc	taaaaatgct	tataatcgct	tggagaaact	tggtcgtgaa	taccaagaca	180	
ataaaagtca	aacaaaatcc	ttaatttagt	ttactgcagt	tgttcatgtg	gcactgggcc	240	
ctatgggaagc	ccaaaaaaag	tattcgattt	ataagtaaag	ctgtgccaac	acatgttaaa	300	
gaattatatt	tctttatact	tatagaaata	tttagagag			339	



<210> 1212  
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 <212> DNA  
 <213> Homo sapiens

<400> 1212  
 cgggtgataa ctttttggtt acctgaagca tttatgaata caggtaagtc tgtggctatg 60  
 ttatagaata ttgaggtctc cattgggttg acttccaaat tagcgcttta ttaaaactcg 120  
 tgtcagtggt ttgtacacct cttgggctgt atcttttcta ctgtgaaaca tattttaact 180  
 gtgaaatgaa tatttttaaag aatcaccttg gggccaggca tgggtggctca tgcctgtatc 240  
 tccaggactt tgagaggcca aggtgggtgg atcacttgag gtcaggagtt cgacacagcc 300  
 tggccaacat 310

<210> 1213  
 <211> 359  
 <212> DNA  
 <213> Homo sapiens

<400> 1213  
 aggtgggttt gtctagtttt atctgttttt gggggaagag ttattttaat acaagctaca 60  
 ctggaactga cttttgaatt gaaacctctt tccatgcttg gttcaaacca atccctatac 120  
 gtaatggta tgagcccaga gatggagcca gggtcctgaa tcccacctc tgacacttct 180  
 ggctcttaat ctctgactat ttgcttaaca tctctgtgcc tccatttcta tataagtgtt 240  
 tttaccggtt ttattttatt aataaatgga gaaacaaaga cccaacatga cacctggcaa 300  
 tttggtggca gaacctaaat ctcaggtgtc ctaacttcca gtccaaagca tagagaaaa 359

<210> 1214  
 <211> 355  
 <212> DNA  
 <213> Homo sapiens

<400> 1214  
 ctttactttg cagtagtgtc tcaaaattac gagtaaaaga aaggaaaata gatagcttca 60  
 ggaatgatgg aggggagagg aatggcctaa aagcaggatg catagtgggtg aaaagtaaac 120  
 tattttacag cttcatctgg agttggacca atatagcata aaacatttga agttagtatg 180  
 attgtctgta gccatgtggc tggatgaatc cacaatgatc gttaaagggg cactgacaa 240  
 ataccataca aaaaactgtg acttatctac ctagtcatth acatcattat acttctcaca 300  
 gtgaagaatg agaaagtatt ttaaaagtag acatagcttt aaaagatgtg ctctg 355

<210> 1215  
 <211> 340  
 <212> DNA  
 <213> Homo sapiens

<400> 1215  
 tacattgttc aggtcttctg tgttcttacc caggccccac tcaacctttg agctattcca 60  
 gtatgagagt gaattagacc tcccactatc acggtcttac tgtcatttct catggcatta 120  
 gtcttaatat tttttatatg gtaattctat gttcaagact gtgaacatat tcaggttcca 180  
 agttattttg tgttcattaa aaattttact ttgaatcatt atgaatagtt cctaggttga 240  
 gcttcgggct ccctgacccc agagcagttt ccatttgcac gtgttgacca tattctctaa 300  
 cccgtcccat aaaattgatt ctactatttc ctgcttttgg 340

<210> 1216  
 <211> 358  
 <212> DNA  
 <213> Homo sapiens

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<400> 1216
agaaattgaa ctgaaccgta aaggatagct gagaacagaa aatgcttgag aagaatatc 60
ccataaagaa gtgataggaa ttaaaacagc aaatacagtt tgataccagg taatagagt 120
gcttgaatcc agtttaggga atttggtttg ggtgtgtata tgtgtgtgtg tgtgtgtatg 180
tgtgagagtg tgcgtgtgcg tgagagagag agattgcaca tatatattga cgtgtgacta 240
aatagcggct gcaacctgaa cagtctatac tcttggaac ccacggggtg acattgtctt 300
gtgcctggta ttggaagcac ttattggcag gcagatgatg gagacttagt atcgaggg 358

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<210> 1217
<211> 340
<212> DNA
<213> Homo sapiens

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<400> 1217
tatctacggg atcataagtc taggtgtcta taattcagaa aactaccttt catttgttat 60
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aaaggagcta ggttgggagc agtggctcac ccttgcaatt ctagcactta tggaggccga 180
ggctgggtgga atcttcagag gtcaggagtt caagaccagc ctgaccaaca tgggtgaaacc 240
ccgtctctac tataaatata aaattagcag ggcatgggtg catatgcctt gaatcccagc 300
tactcgggag ggtgaagcag gagaatcacc ttgaaccctt 340

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<210> 1218
<211> 353
<212> DNA
<213> Homo sapiens

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<220>
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<222> (1)...(353)
<223> n = A,T,C or G

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<400> 1218
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tggaatggaa aagaagttct cacacaaatc taagacctac caataataaa gataaaaaca 120
aacaaccaac aaaaaaaatt ttcaaacaaa aagaaaaaaa gggaccccc cccttttttt 180
tggaaaaacc ctgggttttta aggcccccca tttttctctc taccaaaaaa aaaatttgggt 240
acaatttttt caaaaaaaaaa aaaaaatgtt gggaaatttt taaacggcc cccaatttag 300
gcgccaataa atgggcgaaa aaaaaaaaaa attttcctg gttttaaaaa ccn 353

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<210> 1219
<211> 385
<212> DNA
<213> Homo sapiens

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<400> 1219
cgttgctgtc gataaagtat tgtaaataga atagtgttga agatatgaaa tatggctatt 60
tttaatgggtg acaattatga ctttttagtca ctattaaatt ggggttacct atatcagtac 120
aattttagt tgtttccagg tttggcta atcattcct taacctagaa ttcagatgat 180
cctggaatta aggaggtca gaggactgta atgatagaat taaattagt tcaactaaaa 240
ctgtcccaa gtgctgcttc ctaataggaa ttcattaacc taaaacaaga tgttactatt 300
atatcaatag actatgaatg ctatttctag aaaaagtcta gtgccaaatt tgtcttatta 360
aataaaaaaca atgtaggagc agctt 385

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<210> 1220
<211> 351
<212> DNA

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<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(351)

<223> n = A,T,C or G

<400> 1220

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acttctgagc	tctcctagag	ctatTTTTat	tcttgatag	ctaattgtgt	gtgtgtgtgt	180
gtgtgtgagt	gnntnnnnnn	nntnnnnntt	nnntttntnn	ntTTTTTntt	ccctntntct	240
tnTTTTTttt	gggggttttg	ttTTTTTgt	gctggncctt	ttgttctatt	ggggtggtgg	300
gggtgtttcc	ttgctgccct	tgttgggggc	ccctcatttg	ttTTTTTtta	c	351

<210> 1221

<211> 341

<212> DNA

<213> Homo sapiens

<400> 1221

caaattattg	atgccaggct	gaaacttctc	tttcttttaa	taaagcactc	ttgaatgtct	60
cctttatggt	ttgctttgtg	atcatacttc	agttaatttt	tcaagaagaa	aaaaaagaag	120
atgaagataa	ggatgatact	gaacattact	aatgattat	aatctccccg	ccattatgct	180
aatcactttg	agctataatc	tgtaaatatc	agggaatatt	ttatTTTTta	gagaatcagt	240
atTTTctcag	tttcatagag	atgcatatga	attgagtgtg	tcactaggga	agcgaacca	300
ctgagcaata	caaatgagga	atttatttta	ggccgggcgc	g		341

<210> 1222

<211> 345

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(345)

<223> n = A,T,C or G

<400> 1222

accacatggc	tgcctatgat	acagagcctg	cttttgataa	tactactgta	ctaatacatc	60
cacttttagac	ttcagaatga	cacatgtgtc	catagataat	agctagggtg	ggctgagggtg	120
ggattatcaa	aggccaatg	tgaaacagca	cggcacatag	tattgcccg	tttaaacaaa	180
acaaaggctg	agtgtatgag	caatatatca	tttaagacac	ttctcaagct	gcagtgttat	240
ggaaaatggc	agagtgaac	cagcaatcca	aagtaaaata	taaacaacaa	ataccttcca	300
aagactcttt	aatatacaca	taaaatttag	acctactttg	agccn		345

<210> 1223

<211> 355

<212> DNA

<213> Homo sapiens

<400> 1223

atgctattca	ggagaatcaa	agtaaaccgg	tgcaaagaag	cgtttgacaa	ttatgagcac	60
actttgttcc	ttgggaaac	atacttggtt	agttagaaaa	aacaaattaa	aagaagaatg	120
agctacatgt	tgtactaata	catttcattc	ttcttaacac	taatgcatac	cttgagggtcc	180
ttagctgtag	cccctacctt	ccaggttttc	atagagtgga	gttgaatatc	aacaaaatta	240
aataccaaca	tttacataat	acaagctatt	taaacaatat	cattgcattt	atttggggct	300

tcaggtgaaga ttaaattaat tgtttaaacc atgcactttt tgaaaaataa ttact 355

<210> 1224  
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<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(383)  
<223> n = A,T,C or G

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cggtgctgtc ggtcaggatg gtggattaac ctgtaccacg aataacttatt gttcattttg 60  
aaaagacttt gttctttttca tttttatttg ggagtctttg tgaccagaga agttagggag 120  
gagggtattt ttgtgttttg ggggttggtg gttggttggc ttggnnnncg gccctacatg 180  
accgatgaac aaatgggttc agatggctct gtgtccatag gcagccttga atagggtctt 240  
acacactctg agacaatgac agcctgtgtt gactgaaccc tgacttgtgt tcaaccctgc 300  
catagtgcga gtgccttttg atgaattcga taatttgagc ctagcactcg ccttaagagg 360  
gtggctctgg tacctccccg ttg 383

<210> 1225  
<211> 360  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(360)  
<223> n = A,T,C or G

<400> 1225  
aactaatttg tacagattta aactacaaac tcccttccac cgcttgtaca gtagctggta 60  
tctttactca agtctcacag tttcagctgc tgatttattt tattttattt agcctgggtc 120  
cttggcattt gccataggct tgcataaaat agggtcggcc aaggatttga agagagtata 180  
tacaatgatc cctcaatatc catgtggttt gattccagga cccctgagga tataaaaatc 240  
cacatacggg cagtgtgtga tggctcacac ctgtaatccc agcacttttg gaggtcgagg 300  
tgggtggatc acctgaggtc gggagttcgg ngccagcctg agcaacatgg agaaaccccg 360

<210> 1226  
<211> 353  
<212> DNA  
<213> Homo sapiens

<400> 1226  
atatgttcat tgcaacacta ttcacaatag caaagccatg gaatcaaccc aaatgcccac 60  
cagtgcacaga ctggataaag aaaatgtggt acatatcac catggaatac tataaagtcc 120  
attttaacta gacatccctg ctgaaatccg ttctctctgc cactgtctac ctattgcaga 180  
tctgcaaact tccaggtcta tgaaactcaa tctttcaaac agtaacctgg tctaagcttt 240  
attctcctat tacataaagc cacaaggtt atgtccattt tgcataagaa gaagctgagg 300  
cctgaaaggc tgacttgccct atagtgtgtc ccaagtttagc ggtggaagct cgg 353

<210> 1227  
<211> 309  
<212> DNA  
<213> Homo sapiens

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<400> 1227  
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 aagaattggg cttcagttat actttttgtca ctttctcaat atgtaaccta ggataaatcg 120  
 ctccctcttt ttcaaatttg atgtgtacaa atgtaatatg aagtacttgg caacgtcagg 180  
 aacatttgat aaggcaagg atataaagat atgtgtgtag ccaggcacgg tggctcatgt 240  
 ctgcaatccc agcccttggg gaggcgagg cgggtggatc acctgaggtc aggagttcaa 300  
 gacctggcg 309

<210> 1228  
 <211> 344  
 <212> DNA  
 <213> Homo sapiens

<400> 1228  
 aaacaagaag aaataactgt tatcagaatc tggagagaaa gttgtatggg gagggctacc 60  
 tgacaggagc tgtgactttt agtagagggg atgcagttag ccatggatta ccctgagggtg 120  
 aatgaaccag gctaataaat ataccagcaa cctccctcca ccatcaacta ggggtgattct 180  
 ataatttatt gtccaaagtg ggacaaccac tatgggcaat ttagtcatat ctattaaagt 240  
 tgaaattgtg catacataga attacactta cttattcttg agacactctc tcatacagggt 300  
 tgcaaggaga catgcaaaag aatgttcaac agctacaaga actg 344

<210> 1229  
 <211> 339  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(339)  
 <223> n = A,T,C or G

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 gaagagccac ctaaattgct gcaccgatat gcatcagact gttaggtaag cgcacacaca 120  
 cacacacaca cacacactca cacacacaca aagacgaaga agattatgtt aaacttctaa 180  
 aactctgcag ttttatttta ctaagtaacc attaaactaa ttaaccagct gcctaataca 240  
 gacattggaa tatggagtga gaggctgctt gaatataact aaaatatgtg ggtgcttagc 300  
 gattatcanc acgctagaat tctagggatt catattatg 339

<210> 1230  
 <211> 340  
 <212> DNA  
 <213> Homo sapiens

<400> 1230  
 catttccact ctttttggcc tttaatcact catgatagcc ctttaattgtg tcccttagac 60  
 tctatgatat ttgatagtaa aagaggtatt gaaagcatat tttctgggcc tcctgctttc 120  
 agattcttcc ttctgtccct acttctgaga tggagactga gtagggagtc accaaactga 180  
 tctggagaag atgaactaga tatgctcaga ttatggaccc tggcctcagt ggggagaaac 240  
 tggaattcta acccaccagt ccaactgtca tatccaattt taaactctgg ctgcgaacca 300  
 tggctcacac ctgtaatccc agcatttttg aaggccaggg 340

<210> 1231  
 <211> 340  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(340)  
 <223> n = A,T,C or G

<400> 1231  
 agggagaagt ctagctcctg accaggctct gatttccccg gccctgccct attcaagttc 60  
 ctcaaattcc ttgaccccaa cccttgcccc ataagaaacc tccccatgac cctgaccctg 120  
 acagagaact ggctgtgaaa atttttgcat tgacaacaga tattggaatg cagggattcc 180  
 ctatctactt caggcacctt caagaatcag aggaggccaa gcatgatggc tcatgcctgt 240  
 agtcccagca ctttgggagg ccagggtggg gagatcactt gaggccagga tttgagacca 300  
 gcctggccaa tatggcaaaa ccccgctctc actaaaaatn 340

<210> 1232  
 <211> 336  
 <212> DNA  
 <213> Homo sapiens

<400> 1232  
 aactagatgg agtcctggcg ctcaactgtga ttgagaacac atgacaaact aataggttta 60  
 ctgggcaggg ggctaagctg atctacttgc tggttcaatt agctccactt tccggaggct 120  
 agcattttcc caaccttgcc ccattgctctt gtgggtacat ttaccctatt tggggcctta 180  
 gcgctttaca aatgaacgtt tcagtttaag agacattgcc acataactta tattaagtgg 240  
 tatgaattca aaagcaagct ctgccactac acatcagaat ccagcactga aggaagtgtg 300  
 gaagtcagaa agatggacag gaagatccct tcaagc 336

<210> 1233  
 <211> 383  
 <212> DNA  
 <213> Homo sapiens

<400> 1233  
 cttagtggct tttatccct cggcatgcta ttttgctgat gtttctataa ttgcctcaga 60  
 ctttcacatt tactagtagg gctgagagag gcttttagtga ggaaagaata ttcagaataa 120  
 aacgggttgag aaagctgaga agaccattga gttttgatca gttgtgaata gagtgcaaag 180  
 ccatggccaa gctgtttttg gaaacgctgg ccggcgtgtc ttcagtggaa aaagcaaacc 240  
 aaaatggagc gagagcaaag gggcgctctc agtcctcaac ctacaatcac tgtatggaat 300  
 cggtcctggc agctgaacat aggaggtcac tggaaacaagt gatagtgcag attggccttc 360  
 aaacatctc ctggcttgag ttt 383

<210> 1234  
 <211> 353  
 <212> DNA  
 <213> Homo sapiens

<400> 1234  
 gtattgactg aactaccaga tattgaggct tctttgctta ttagctgcat gactttgggc 60  
 aagtcaagtt ccacctgagc cttgcaagtc aggctgggg agtccaacca cccagaacct 120  
 ttgagtctct gttagagagc aagaccctct ctttaagaaac aaaaataaaa caaaaaaaga 180  
 gtattgggat atggggagtt tggctcctgt agaaagggtg gtctgggagg cctgttacag 240  
 gagttaacat tggacctgag acctgaggat gaacagaagc catcctgaaa gaactgggaa 300  
 aataaagagg tggccaggcg tgggtggcgca cgctgtaat cccatcactt tgg 353

<210> 1235  
 <211> 243  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(243)  
 <223> n = A,T,C or G

<400> 1235  
 catagtcaag ataggctaaa ttatgctgag ataacaaaca aataaaaaact ccaaaatctt 60  
 aatgccttta ataacaaaga tgtatttctt aatagtgcta catgtccctc tcagatcagc 120  
 aaagagatct ctgctcattg tatTTaataa gagggccagg ctgacaaagc tgctgccatc 180  
 ttgaatatag ctctttgatg tgccagacag aataaagaac tctgcaggat caccattag 240  
 can 243

<210> 1236  
 <211> 342  
 <212> DNA  
 <213> Homo sapiens

<400> 1236  
 atgctaactg agttaattag atgagattct gtagagaaaa tggacactat aagaaataat 60  
 agtgtccaga actgagttat aatgacctct aatattttaat gataaatgaa agaagaggaa 120  
 ctgatgactg aatctgagaa gaaaccaata aacttgtaat aacagaagaa caaaccagg 180  
 tgggtgctaaa gaaatcacag ttcatacaaaa aggagggaca agtggacttg ccttggttaa 240  
 gatggactgc cttaccaaat atgacaaata ttaaaatatg tttagatttc aatgatgacc 300  
 aaatatgtaa ataagacact ggaattttatt cgtcaaattc ct 342

<210> 1237  
 <211> 355  
 <212> DNA  
 <213> Homo sapiens

<400> 1237  
 tttcaatctt tcgtcccaaa tgccatattc actacaagga acaggggttc cttggagaaa 60  
 tggctgaata taagtgtggg taaggaaata tacaatgaa cctggaatat cttattatat 120  
 atatattaaa aaaaatctac tagattcacg tcaaaagtag ccagagacca acttgaagtt 180  
 tgttatttga gcaccaatgg ggatatgaac tggaaaccac aggttcatat tgacaggagt 240  
 taaaaaaaaat acttttggtca gctttgaatg atgttccatt agcaagatta accaagaaaa 300  
 gggagaaaaa atctaataaa cctcactaag aaatgaaatg agagctatta caact 355

<210> 1238  
 <211> 360  
 <212> DNA  
 <213> Homo sapiens

<400> 1238  
 cagggaaatt tgataagtta atcattatTT cagccaacaa atctgaggcg gttaaaatac 60  
 ttttccttcc atatttgatt tataagcatc ttcccttga tgtgatttat cttttctaaa 120  
 gggactagat cattctaagc agaggaacaa tcatagcgaa ctgtgcctca ggctatttgc 180  
 agacgatgtc acttgagttt aaaccacaaa gacatttcag aaagaaaaca tttctatctc 240  
 ttaatatgta agccaagaga tatgaaatca tggcatcccc agagaaacac ctttcctga 300  
 tgtcaacttg gcgacttgca tctgcttttc tgatgaacaa agaaaagtat ttggctatgg 360

<210> 1239  
 <211> 380  
 <212> DNA  
 <213> Homo sapiens

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<400> 1239
cgttgctgtc gattaattta acaaatttat ttagtggtgt ctcagacact tgagacactg      60
gagagttgga ggtggatgaa aggagaacct tattcttttag ttgtttacac agcagagtaa      120
atatcacaaa ggcagggtacc ttgtcccttt tgtcaactac tgtgtctgca gcatctagca      180
ccatgtctgc catacagtag gtgtttgttt aatttttttaa atgaatgtaa agtacaggta      240
agtatagttt tacatatatt atcttccaat tatttggatt cctcatttca tttctctcct      300
catagtgtgg gaagagggaaa gatttgagat gaaatggaga aacatcaaga tgaaatgcag      360
agtatttaga caagattatc

```

```

<210> 1240
<211> 337
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(337)
<223> n = A,T,C or G

```

```

<400> 1240
ggtttcacca tgttgaccag gctgggtctca aactcctgac cttaagtgat ccacccgcct      60
cggcctccca aagtgccggg attacagacg tgagccaccg tgcctggcca acatttatTT      120
agttgaattc ttaaaattta tttttctaata agaataaggg agagcattag aagtagtttt      180
cataagacac aataaatata aacctgtcat ttacctgtct agccctgata ttctgaaatc      240
tggaacttgg gtttagaaca aaatggattc agttaatcct tttttttttt taaagagaga      300
gatttgtatg aggctggctg ggttattcat tcattcn

```

```

<210> 1241
<211> 367
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(367)
<223> n = A,T,C or G

```

```

<400> 1241
tctacggctg ctataatacg acagaaggga attcaaggag ccggtcacca caagctgcat      60
aaacaaatcg ttaccagcat aaacagaata tatagcagaa tttattcttc gaaaaaaata      120
cttactgata ttcaggccag gcacagtggc tcctgactgt aatcccagca atttgggagg      180
ccgaggcggg tggatcacct gaggtcagga gttcaagacc agcctggcta acatggcaaa      240
atcctgtctc tactaaaaat acaaaaatta accgagtgtg gtgggtgggtg cctgtaatcc      300
cagctacttg ggaggctgag gcaggagaat cgcttgaact cggggggcg cggttgcagt      360
gagccan

```

```

<210> 1242
<211> 359
<212> DNA
<213> Homo sapiens

```

```

<400> 1242
tggtttgtc agtttcaata ggagattcta tgtatttagt ctccaaagaa cccagaatta      60
tctgtgggga gttttgaagg agtgagccat ttgtaaaaaa cataatatgt agggcatggc      120
aaacaggaag aaaaagcaaa aaggagcatt agagtgacaa aaggacaaac ccaaaacagg      180
atttacatgg aaacccatgc cagcaacctg catcagagaa atgtatctgc agccagcagt      240
atctctgctg ccatacagag gtctagaaat tttgaaagtt tataaggcaa aaagagaaaa      300

```



gacaaatacc aagcaaggaa tcacagatgg aacaatcaga aggattacta aaacaagaa 359

<210> 1243  
<211> 287  
<212> DNA  
<213> Homo sapiens

<400> 1243  
ggaccctgcc cctcacccta cacaggctat aggatctgga agggaaggga cggttcctgt 60  
taatatcttt gcattcttaag gacacagccc acagggtctg ttgggtgact gactgattga 120  
atgagcaaga cttctagtta tacatagact gaaaacttcc acttatctct gcttcttttc 180  
aaaatcccac taaaatatga ataaatgcat gttttaaaga caaaaggagg ccgggcgcag 240  
tggttaacac ctgtaatccc agcgctttgt gagggcgcag cgggcgcg 287

<210> 1244  
<211> 245  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(245)  
<223> n = A,T,C or G

<400> 1244  
ggcagccttt tcatagatat actttaata ccctttgaat aaattcattc agcaatagag 60  
ttattgagta ttgtgcagag gtatagggtg atataattgt gactagggtga ctactttaca 120  
ttagatagtc ttctctgatg ttaacattta aatttaggac ctcggtctggg tgcggtggct 180  
cacgcctgta atctcagcac tttgggaggc cgaggagggt ggatcacctg aggtcgagag 240  
ttcan 245

<210> 1245  
<211> 386  
<212> DNA  
<213> Homo sapiens

<400> 1245  
cgttgctgtc ggccaaatac tgtgcttagg gctctgtcca gatcattcca gttaatccgc 60  
ccaagacccc aacagcacag gtgttgctat atttttgtgg tgaggaactg agaccaggg 120  
aagtcacggg actttgcccc aagtcacccc gatgtcaagc gttagagcaa gaatttgaac 180  
cccagagctt aactcttaac cattttgcta actggtgtc tctccaggcc cccatcacc 240  
tttccatcac cctcccctgc ccaggggca ttctatcaga tggcagggtc cccctcgctt 300  
ggctcagcat ctccaattta aagcttcagc gatctccctc ctggtgaagg catgggaagg 360  
atttccatc tcagaaactg gacaag 386

<210> 1246  
<211> 338  
<212> DNA  
<213> Homo sapiens

<400> 1246  
cttgtctctt tttctccttt tgtgaaccag agattgaata ctaggatagt caaaagcaac 60  
tacatatata agaaaaattt gaaagtcatt gtgcatgccc agggaaaggc acaggctcag 120  
aaaagacctg agaagacctt aagtttacag ttcagcctaa tcttcagaaa agaggcagcc 180  
tacaacaact acaaacaaat aaacaacagc aacaacaaca aagcaaacag caagcactga 240  
ggaatgggag gaaatctgat ttccagagat acaacactat taggttcaga agctcaattt 300  
aaaaccaa atcacaagga gcacaaagga acagaaaa 338



<213> Homo sapiens

<400> 1251

aaaacaaaaa	aaaaaaaaaa	aaaaaggggg	gggggtttttt	tctggaaccc	ccaccgataa	60
aaaacttttt	gggggggtggg	acaaccccc	ctttaaagg	ggggaaaaaa	ggggcttttt	120
ttgaaaaatg	gggacgtttt	ttgttttttt	ggcacccttt	aaagcccca	taaactgggt	180
aaaccccccg	cctgggcttt	tttttttttt	tcacgttcca	ggggaggggg	ggggagtttt	240
gctccctcca	gcagcccctt	ttttcctg				268

<210> 1252

<211> 291

<212> DNA

<213> Homo sapiens

<400> 1252

aaaaaaagct	taatagtcac	aatatatatg	ggattttttac	caaagaaaaa	caccaaata	60
gaaacatgta	taaaggaaat	taaaaggaaa	tcaccaaaga	caaaataaga	aacccctcac	120
aaaacagcac	attaaaaatga	gacatttttg	ggttgggcgt	ggtggctcac	gcctgaaatc	180
ccagcacttt	ggcaggccga	agtggctaga	tcccttgagg	ccaggtgttt	ggcacgagcc	240
tggccaatat	ggcgaaaccc	ctctttacta	gaactaccga	tattaccag	g	291

<210> 1253

<211> 342

<212> DNA

<213> Homo sapiens

<400> 1253

tgcattctct	gttatcttct	gtgaagttag	tcagtttcaa	ctttgccttt	gtgcttatgt	60
gtcattctct	gtcttttgat	gttcaagtct	atattgggtc	cagactctgt	tttatttaac	120
ctgtttgttt	tctttctaaa	aacatattct	atattcccgt	tcaagagtgg	agctaacttc	180
acaggatttg	ggaaaattct	gattattcta	gcccatacac	agaatgcca	ggacaaggaa	240
gacaccactt	ctctgaggaa	ttgtgccaa	aatacaagtc	ggtgaagtca	gcattgcacat	300
gttgaatgtt	tacaatgtgc	caggtacttt	catatactat	tc		342

<210> 1254

<211> 386

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(386)

<223> n = A,T,C or G

<400> 1254

cgttgctgtc	gggggggatgc	acaggacact	ctgtgcctca	gttttcttat	ctgtaaaatg	60
gggcaaatac	ctaccaagtc	atagggttga	tgtaaagtct	agttgagata	atggagggta	120
atttcttttt	tttcttaagc	ttaaattttg	gatccatttt	gtgttgattt	ttgtatattg	180
ggtggtaatt	tcttagaagc	tagaaagtta	ttaaagtctg	cttatgagcc	aaatactgtg	240
ccaagggctc	tgtccagatc	attccagtta	atccacccaa	gacccaaca	gcacaggtgt	300
tgctatattt	ttgtggtgag	gaactgagac	ccagggaagt	cacggtactt	tgcccaaagt	360
caccccgatg	tcaagcgta	gagcan				386

<210> 1255

<211> 382

<212> DNA

<213> Homo sapiens

<400> 1255  
 tacggttgcg agaatacgac agaaggggcg tgagctactt tttttttaa cagataatca 60  
 acagggccaa agcaattaag tcattttccc agtcacttgg ccaataagca gcaagtcaat 120  
 gaccagaaca aattatacaa ctttcatctt cccataactg atctaagcct accaaaaaaa 180  
 cggatgagac tagacagaag aaacagtgtc accttcatcc ccggtcatct agtcaagaac 240  
 tacgcaaaag ccatatgtaa cagaaatcta ggaccacagg ctacagtgcc atggcacaaa 300  
 catgggtcaa tgcagcctca acagcttggg ctcaagcaat tctccacct cagcctccag 360  
 agtagctggg gctacaggca ta 382

<210> 1256  
 <211> 343  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(343)  
 <223> n = A,T,C or G

<400> 1256  
 gataggcctg aagaacacag ggcgctgcat ttagaaagga ggcgggggtca gaggaataga 60  
 aagggatagg gctgaagaac agaggtcgct gcatttagaa aggaggcggg gtcagaggaa 120  
 tagaaaggga cagggtgaa gaacacaggt cgctgcattt ataaaggagg cggggtcaga 180  
 ggaatagata gggacagggc tgaagaacag aggtcgctgc atttaciaag gaggcggggt 240  
 cagaggaata gaaagggaca gggctgaaga acacaggtcg ctgcatttag aaaggaggcg 300  
 ctgtcagagg aatagaacgg gatacggctg aagaacacag gtn 343

<210> 1257  
 <211> 338  
 <212> DNA  
 <213> Homo sapiens

<400> 1257  
 gtcggttggtg acagtgaaaa atatcttcag acattgccaa atgttccttg ggaggcaata 60  
 tcacccttcc ttttctgcc ggtagtctta tgaatttctc acagcagaat ttctctttcc 120  
 atatctctat gggcattaga gaggtagaac atcagcattt accagacata tttgatacta 180  
 agtccctatt tgtaaagtca gagaagtctg aggttataaa atcattccct tctcctcaa 240  
 agagaagtga aatccttata ttgtagagat caccaagttt tcatagtcag acatttccac 300  
 tttgtctggg tttttaaaaa acctatcaga gaaaacta 338

<210> 1258  
 <211> 317  
 <212> DNA  
 <213> Homo sapiens

<400> 1258  
 gacctgggag aagctgacaa tgaaaatgat cggttttttt tttttttttg gagtggggcc 60  
 ctcttttttc cccccggtct gtatttccca cattgcata tgaagtaaaa tgctcctgtc 120  
 cctgggtgctt actagtgtag tgatcatacc ccggcatcct gcttggggaa caaaacatcc 180  
 caatacctgc ctagggcaaa tttggcaaac cctaaaaaat atgagccac cgcatttaca 240  
 gattccttac cagcaaaaagg aaactccgca ttttgtgacc atttaaaaat tggggctata 300  
 gctaccccaa cagccccg 317

<210> 1259  
 <211> 338  
 <212> DNA

<213> Homo sapiens

<400> 1259

catcatatac	tcatggcact	aaaccacagg	aaattctaaa	atttctagca	gtatttctgg	60
taatctaaat	aatatatata	aaagtgtgtg	tgcgcggtgtg	tgtaggtcct	ttgttaaacc	120
cttgtagatt	tatgattcgg	ggcggaagaa	ttctttgctt	tagaaactat	cttggttcta	180
taatttttaa	aaaaatcctg	tcttttttct	gtttaaaagg	caatacttat	tcattttttt	240
aaaaaacagt	gacagtaaaa	agttaaaaaa	taagctaagt	agggactaag	gaaagagtaa	300
aagtcaaggg	tatctatact	gattaaagaa	tttttagg			338

<210> 1260

<211> 341

<212> DNA

<213> Homo sapiens

<400> 1260

gtgcggctat	ggagacccag	gggcagccca	agtccttttg	aaccaagcag	ggagggggtt	60
tcagggtcct	tccagtgacc	caagggagga	agggtgcgc	tgagatgtgc	cactttcagg	120
cagagagaga	gagaaagatc	tgggggtgag	gggtactaga	cctctggatc	gggtgtcatc	180
ggctcgctcc	ttggcatagt	ttcagaccgc	attttctggc	tgactttcag	aactacagta	240
ttgctcaaac	tctgctgtgc	tcagagcctc	gtaggagaac	tggtgagaat	gcagatgccc	300
aggccctaac	cctggagatt	ctaattcaca	aggctaggga	g		341

<210> 1261

<211> 349

<212> DNA

<213> Homo sapiens

<400> 1261

acgacagaag	gggtgttggt	ttgttccaca	tttaggatca	ttttcccagg	ctagattttc	60
agatgtggga	ttatgggttc	agatatggtt	tacacathtt	tatagttcct	aatacagatg	120
gccaaattgc	tttctgaaag	agaatctttt	cttaagtatt	tttctccaac	ttgtatctta	180
aacatcctga	acatgcttag	caccactgtc	ttgatataac	tgcggaagc	cacgtctgca	240
cttttttagtg	ttgtggggcc	tgggataggc	aggcattctg	tgcttgctct	ttgtagctgg	300
acgtaaaatt	tcttttttct	gctgggcgcg	tgggtttttt	cccgaatg		349

<210> 1262

<211> 383

<212> DNA

<213> Homo sapiens

<400> 1262

tacggttgga	gttgacgaca	gaagggaaca	cattaaaagc	cagagttcag	ggatatcaga	60
gctagatata	aaatgttacc	cttcaaatgc	agagagcctt	gaggttatgt	gtggaatacc	120
cacgaggagg	aagtccttaa	tcagttatct	tgcaaagact	cagcagaacc	tgggcataaa	180
cccagacttg	agcaaact	aagacaatgg	ctcctgcaag	aactgtctcc	tctcaatatt	240
tggagtatgt	cagatacagc	agtgctttc	agaatgtgcc	taacatccct	aaagaatttg	300
aatatgccac	tctttttttc	tgatttaaaa	ttttcttact	gttgcagagt	attaatttaa	360
aaagatgttt	aagactgttc	atg				383

<210> 1263

<211> 353

<212> DNA

<213> Homo sapiens

<400> 1263

gaggtttcat	ttgtggcgag	attctctccc	aggccacaag	acatttcctg	ctcggaacct	60
------------	------------	------------	------------	------------	------------	----

tgtttactaa	ttgtaagtac	tttacaagta	agaacttggt	ttaaaaactt	agcattcaaa	120
aaaaaagctt	tctttaaaag	atattcgatt	ttcttggttt	ttttcttagc	atgttatatt	180
ttgagggtca	gctaaaagac	taagggttttc	ttatctaatt	gctttaaatt	tatacattta	240
gtcaaattca	acaattttctt	gctaagcatt	ttgccagatg	ccaggctttt	caaagtagtg	300
taagatccca	gccttgaatc	ctcatcaatt	gctgctttct	gctgcaacac	ata	353

<210> 1264  
 <211> 342  
 <212> DNA  
 <213> Homo sapiens

<400> 1264						
gataggggag	agacagaagg	gaggaaaaga	tttttcttaa	ggagagcaag	aatcaatact	60
atgaaagtca	atttccttat	tcaaattcaa	agagaaatth	tgtaacccaa	aatgggagaa	120
ctactgaaaa	gtcagaagta	aacagaagac	tgagtagtag	agtgaggagc	aaagataaaa	180
ggagagagaa	gattcaagac	agtcccccca	tttttattgg	tcttttagctg	tgctatttgt	240
gagtgggtag	atttggttaa	aggctcaggg	tctggccggg	cgcggtggct	cacgcctgta	300
atcccgacac	tttgggaggg	cgaggcaggt	ggatcacgag	gt		342

<210> 1265  
 <211> 374  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(374)  
 <223> n = A,T,C or G

<400> 1265						
cggtgctgtc	gcacgaagcc	ttggaaagca	tactttcacc	ccaggaaacc	ttaaaagaga	60
gagatgaaaa	tctcctcaag	tctgggtaca	ttgaaagtgt	ccagcatatt	ctgaaagatg	120
tcagtggagt	gcgagctctt	gaaagtgtgt	ttcaacatga	aaccttaaac	tatataggtc	180
tgctggactg	tgtggctgag	tatcagggca	agctctgtgt	gattgattgg	aagacatcag	240
agaaacccaa	gcctttttatt	caaagtacat	ttgacaaccc	actgcaagtt	gtggcataca	300
tgggtgccat	gaaccatgat	accaactaca	gctttcaggt	tcaatgtggc	ttaattgtgg	360
tggcctacaa	agan					374

<210> 1266  
 <211> 335  
 <212> DNA  
 <213> Homo sapiens

<400> 1266						
aagactccat	ctcaaaaaaa	aaaggaagga	aaaggaaaga	aaaaaccctt	ggaaaagtag	60
gggattttga	aaaaaatttc	cccattttca	ttaaagagat	ggacatataa	ttttaaaaaa	120
ttcaaatacc	ctatgtaaaa	tgctatgtaa	aacacccttt	gcaaaaaccc	aaagtattca	180
aattttttgag	ggatcatggca	aaaaaaaaaa	atattaaggg	cagttaacga	cagggggcag	240
gccacataag	ggggaaacta	cttcaaactc	acaggggaac	tctcagcaat	atcccacagt	300
caaaagactt	taaaaaccca	tattcagcat	ttttg			335

<210> 1267  
 <211> 360  
 <212> DNA  
 <213> Homo sapiens

<400> 1267

ctttgtttta	gaacgtat	gctcttcct	agaaacagac	tcagaaaaa	aagaactatt	60
ttctctaaaa	tttaaaaaa	tattttctca	aaagtgaac	ttggatatgt	aagggttttt	120
gctaaagctt	tgtaacatt	agtaatagca	atgaatagga	attaatgaca	ttagaaatag	180
taataccaaa	taactgtgac	tagtgcaact	tcaaaataaa	tttcattctc	ccacaaagct	240
cacaaattgc	tctttgctta	aagatcttct	tttgttgtgt	ttaacttttc	tagagcattg	300
tatatcttgc	ctaaaataaa	tccaattacg	ttaacaacat	ttaataaaca	ttttcctcgg	360

<210> 1268  
 <211> 358  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(358)  
 <223> n = A,T,C or G

ggacatgaag	aaagagcttc	ctgcaattca	aggactgtac	aaagctgaaa	cgcagagatt	60
ttcatattat	ttgggagact	cagaaatgag	cttttaagga	tggtccttga	cttgcgggtc	120
aataagcgca	caatgggtgaa	gaaaaggctg	ccttctaata	acacgggtgt	cgggtttgag	180
actccgggca	gccaagga	ggccaacgtg	gaggcctcac	gcagctccac	agacagcccc	240
agctcgggtg	tcctcagctc	agaggctgag	aatgggtgtg	aggagagana	gaaagcctag	300
cggtcgtcct	catctgcata	ccatagccca	tttgtgtagg	cggagtctcc	agaccaga	358

<210> 1269  
 <211> 344  
 <212> DNA  
 <213> Homo sapiens

tatctcagag	agtactggga	ttctgaaagt	gaaagggtta	taccaggtta	aagtatggga	60
gtgctggacc	aagctaacat	gttcaagaag	aaatatggga	tatatattatg	gaaatagata	120
atgaaaatgc	tgaattgaag	agcaaagatt	ggacaatgga	gaatgtttca	gtttatcaat	180
attgggtgcac	tcttccatgt	aggatgattt	aactctgtga	tatgtaccct	ggaagattga	240
agaaatatta	cgactatgta	ggatcttggg	cactagaagc	ttgctgaaag	cggattccac	300
tttaagcttt	gtagaaatgc	taagagggtg	ccggtcgcgg	tggc		344

<210> 1270  
 <211> 346  
 <212> DNA  
 <213> Homo sapiens

atcttgggga	aggttaaaga	cacctggaga	atgaaatctt	ggattttact	ttcctgaaag	60
gctgaggcta	ggcataattc	tctgcctttg	ttccccctct	ttgtcttggt	taaatgttcc	120
tggccatact	gtacctgtgg	ttttattgtc	gtcctttttg	ggaacaagca	ggatataaat	180
cagtcagtga	aatttttagaa	tgtagctctt	tggtctagca	tctaagtaga	taaagaagaa	240
atgggcactt	aataagtgcc	tctggaggct	tgtgatttgc	atggggctcc	caatgaaagg	300
taaagtcttt	gcttagaggt	tacacacacc	gaatgcaggg	tggctc		346

<210> 1271  
 <211> 350  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(350)  
 <223> n = A,T,C or G

<400> 1271  
 gaagaaagag cttcctgcaa ttcaaggact gtacaaagct gaaacgcana gatatttcata 60  
 ttatttgga gactcagaaa tgagctttta aggttggtcc ttgacttgcg ggtcaataag 120  
 cgcacaatgg tgaagaaaag gctgccttct agtgacacgg tgttcgggtt tgagactccg 180  
 ggcagcccaa ggaaggccaa cgtggaggcc tcacgcagct ccacagacag cccagctcg 240  
 gtggtcctca gctcagaggc tgagaatggg gtggaggaga aaaagaaagc ctgcaggctg 300  
 ccaacagccc aatcccctac cccatctgtg gaggcggact cccagaccn 350

<210> 1272  
 <211> 325  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(325)  
 <223> n = A,T,C or G

<400> 1272  
 ctgagaacag agaggggatg gagcatgaca attagtgttc attgacattg ttgttgaggg 60  
 tccctaggta gggccagact gcaggcagcc agagagatgg cccaggccta gggagggttg 120  
 aggacggggg caggtgcagg gccagcatcc ccaccactgc ctggcagctc cccagtaatg 180  
 cagatgctgg gtggcttcct ggagagggca caatcctggg ggaggtgttg ggaggttanc 240  
 cncnnntcnt tnnnnntaag gcccacnaag tttcaggccg cgtggccaga ggaatgagct 300  
 gagcatttgt tgtgctgcat gtaga 325

<210> 1273  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<400> 1273  
 cgttgctgtc gccagagctt aactcttaac cattttgcta actggctgtc tctccaggcc 60  
 cccatcaccc tttccatcac cctcccctgc cccaggggca tcctatcaaa tggcagttcc 120  
 cccctcgctt gcctcagcat ctccaattta gagcttcatg gatctcctcc tgttgaagtc 180  
 atgggatgga tttcccatct cagaaactgc acaagaaaca accttggagt tttgaacaaa 240  
 ggatattcaa ggagtattca agaataaagc ttcataatcg tggcatgag acatgagaaa 300  
 aaagggtgtc accacgtctt gtctctactc ataaagaaca ttggccagggt gcggtggctc 360  
 acgcctgtaa tcccagcact ttgaga 386

<210> 1274  
 <211> 351  
 <212> DNA  
 <213> Homo sapiens

<400> 1274  
 cggggctaga gaagaacaaa ctagattctt gcaggcattc caaggaggct catcttgaag 60  
 cccaacctga ccgaatgcac cagtagactc ggccaagccc ttccttatgg cccaggaaa 120  
 ctcccaagct atggcaccac aggaagccta tccaagctga ggacccaaga caagttaaaa 180  
 acaggttcaa cggaagaggc tgagaatcac tggcccattc tgtacccatg cttttaaaaa 240  
 taatacccag ctgcgcacgg tggctcacgc ctgtaatcct aacactttgg gaggtcaagg 300  
 caggtggatt acttgaggtc aggagatcga gaccagcctg gccaacatgg g 351



<210> 1275  
 <211> 359  
 <212> DNA  
 <213> Homo sapiens

<400> 1275  
 gatattgagg cacagagagg ttaaataaat catccagagt ctagaaagtg acagaactgt 60  
 atttcaaacc agtatcttct tgatttctaa aagtctttac ttttttttat ttttttttgt 120  
 ggaaaaaggg ttcgactttg tttccccggc tgaagagctg ggctgcacca ctacactaat 180  
 gttacctcta cctcgcggtg ggaggtgtct gtttggtctca catccctgag tgacttggat 240  
 agcagtatgc tcacctccgc cttcgectca tttggtgatt ggatcaacca cggttttatt 300  
 gtcagattgc ccactggggg gctatgcttc tacttcccta cagtctcttt aatcagtgg 359

<210> 1276  
 <211> 201  
 <212> DNA  
 <213> Homo sapiens

<400> 1276  
 tagcctggct taatccacgt attgacttga acccggcacc tctgcatgct gggcacacac 60  
 acatccacac aggtgagcac agtcgtgtgc acctgcacgt tacacagggtg aacttttctc 120  
 atccaggcct gaggtttcca ctgcatctta aacacttagc cgaggtgtgt caggaccagc 180  
 aatgttgtct ttgcggccct t 201

<210> 1277  
 <211> 340  
 <212> DNA  
 <213> Homo sapiens

<400> 1277  
 gacttccggt cggcgtgagc gtgaggtgtg ggtgttcggt tctcaggtaa aacatggcta 60  
 aaagcttacg gagtaagtgg aaaagaaaaga tgcgtgctga aaagagaaaa aagaatgccc 120  
 caaaggaggc cagcaggctt aaaagtattc tcaaactaga cggatgatgt ttaatgaaag 180  
 atgttcaaga gatagcaact gtggtggtac ccaaacccaa acattgccaa gagaaaatgc 240  
 aatgtgaggt aaaagatgaa aaagatgaca tgaaaatgga gactgatatt aagagaaaca 300  
 aaaagactct tctagaccag catggacagt acccaatatg 340

<210> 1278  
 <211> 352  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(352)  
 <223> n = A,T,C or G

<400> 1278  
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 aaagcttacg gagtaagtgg aaaagaaaaga tgcgtgctga aaagagaaaa aagaatgccc 120  
 caaaggaggc cagcaggctt aaaagtattc tcaaactaga cggatgatgt ttaatgaaag 180  
 atgttcaaga gatagcaact gtggtggtac ccaaacccaa acattgccaa gagaaaatgc 240  
 aatgtgaggt aaaagatgaa aaagatgaca tgaaaatgga gactgatatt aagagaaaca 300  
 aaaagactct tctagaccag catggacagt acccaatatg gatgaacc aa 352

<210> 1279  
 <211> 386

<212> DNA  
<213> Homo sapiens

<400> 1279  
cgttgctgtc ggctgggaga cagcagggtc acaggcatgg agaatggaga tggaggggga 60  
gcccgggtccg tgggccccaa gagccgagcc ggacgagggg tggagtgggg agacgcagga 120  
gggcggtgtc tagggctggg gaatggagtc gtgtctggca ccccgggtggg gactgtattg 180  
gaaggcagcc cagaatgggc agcggcgagg agtgaacacc tggctgcagg tgacggcctg 240  
caggaaggag gcgaagatgg ccccagggaa ccaaagaggc tttgccgacc cccgggagag 300  
ggagaggtgg actgggaacc cctggccaaa ttccgagcag cctgcggggc agagctggca 360  
gacctggtgg ctgaggagtt ggcctt 386

<210> 1280  
<211> 360  
<212> DNA  
<213> Homo sapiens

<400> 1280  
gagcggagcc cggagcgtcg tggaaagcat tggacacatt tccaccatgc taatggcatt 60  
ttaaataatat ttggcaattt tcccaathtt ttactgaaga aaactgtaag tttatacttg 120  
aggactgaag tgtgactctg ccgattatca ggctttcaag atgaatctgg aaaaactcag 180  
caagcctgaa ctctgacac tatttagtat tcttgaagga aagcttgaag caagggacct 240  
tggtatataa gccttttaaag cccaacacag atatactttc attgaagaac gctatggaaa 300  
atataaacatc agtgatcctt taatggttct acgagagatt ttgaacactg aagagaaaaa 360

<210> 1281  
<211> 352  
<212> DNA  
<213> Homo sapiens

<400> 1281  
gggctcagag gagagaactc ccagaggggtc tgggcccctcc ccattcagag cattgagcca 60  
gaccaggcct gtcgtggtca cctgcatgga atcttctccc tacttaggca ctgccaggcg 120  
gaccatcttc tggatgagaa gggcagggca caatgtctcc tccagagaga gatggtacag 180  
tctctggagc agcaggtaat gccagggcg tggagggtaa gggataggga tagtgcgcaa 240  
aaccttctgt ccaccatgtg ccagaaacca agttcacctg ggacgagggc tggatataaag 300  
gaaagaagag gagcggggcac tcccagggaa gaccgtagcc tgggcaaaga tg 352

<210> 1282  
<211> 345  
<212> DNA  
<213> Homo sapiens

<400> 1282  
ggagcggagc ccggagcgtc gtggaaagca ttggacacat ttccaccatg ctaatggcat 60  
tttaaataata tttggcaatt ttcccaathtt tttactgaag aaaactgtaa gtttatactt 120  
gaggactgaa gtgtgactct gccgattatc aggcctttcaa gatgaatctg gaaaaactca 180  
gcaagcctga actcctgaca ctatttagta ttcttgaagg agagcttgaa gcaaggggacc 240  
ttgttataga agcctttaaag gcccaacaca gagatacttt cattgaagaa cgctatggaa 300  
aatataacat cagtgatcct ttaatggctc tacagagaga ttttg 345

<210> 1283  
<211> 360  
<212> DNA  
<213> Homo sapiens

<400> 1283



cccaggggag	acatcatcag	tacctgttac	tggaagtctt	atgccagtca	cctcagcagc	180
cttagtaaca	gttgatccag	aaggacaatc	accagcaact	ttctcaagga	cttctactca	240
ggacacaaca	gctttttcta	agaaccacca	gactcagagc	gtggagacca	ccagagtatc	300
tcaaataaac	accctcaaca	ccctcacacc	ggttacaaca	tcaactgttt	tatcc	355

<210> 1288  
 <211> 341  
 <212> DNA  
 <213> Homo sapiens

<400> 1288	
attggaagaa	ccaacatcta taagaataaa aaagattatt atgatatgta tgagccagaa 60
gaagtgaaaa	ttttcagatg tccatctcct atctactttg caaacattgg tttcttttagg 120
cggaaactta	tcgatgctgt tggcttttagt ccacttcgaa ttctacgcaa gcgcaacaaa 180
gcttttgagga	aaatccgaaa actgcagaag caaggcttgc tacaagtgac accaaaagga 240
tttatatgta	ctgttgacac cataaaagat tctgacgaag agctggacaa caatcagata 300
gaagtactgg	accagccaat caataccaca gacctgcctt t 341

<210> 1289  
 <211> 301  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(301)  
 <223> n = A,T,C or G

<400> 1289	
atcaaaaagga	gacttaagtg attgagaaaa acatagtgga atccggaaaag aatgacacct 60
gaaacaaaga	tggtgagtat aataacccat ctatcctgtg tgtggttggt ttttctcaga 120
atgagggaga	agctataaag caaatatctt tatctttatt tacaataact cataagtaat 180
ataaacactg	acttggctct tattataact gtatctaggg taccatgaac tttgagtgc 240
tgagtgaaga	tggcagaccc atactgtatc taactataga cactttttga ccaataaaca 300
n	301

<210> 1290  
 <211> 179  
 <212> DNA  
 <213> Homo sapiens

<400> 1290	
tagtggtttc	attcccagat gtcaagcaaa gaagtggagt tataaatttc tcgactagat 60
aaacctacaa	cagcttagaa tacatttggt ttaaaatgtg attaaattat tataataaag 120
ttctcataac	tctaggacaa aactactatc tttgtacaag gtatacattt tttccttat 179

<210> 1291  
 <211> 313  
 <212> DNA  
 <213> Homo sapiens

<400> 1291	
gtttaaaaca	ttaaaagtaa agggttatat aaacattcat aagaatatta aaatgtgctt 60
caaagtaaac	atcaggtaca tcaaaataaa tttaaataat tagaagtcatt tttaggcata 120
aataaaaatg	ctatctttca tttatcogta tgcctaaaat tgtctcttct aagcggaata 180
aaaccacttt	gttttaacaca gatttttccct tattgttaatt agaaatgcag atggaaagac 240
taaattaggc	aatgggtgac aggaggaaag acatttgctt taaaatcgctt gggagtgatt 300

tcaagttcaa atc

313

<210> 1292  
<211> 332  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(332)  
<223> n = A,T,C or G

<400> 1292  
agtcaccctg agagtgaaac agatacaaag agagaatgac cctcacagct acagaaagaa 60  
atgaaatggg gcaggagaag agggggaaga aagctaaata actgattttt ttaagaatgc 120  
cagattaagg ccgggcgctgg tggctcacgc ctgtaatccc agcacttttg gaggccgagg 180  
tgagtggatc acctgaggtc aggagtttga gaccagcctg gccaacatgg tgaaaccccg 240  
tctctactaa aaatacaaac attagcaaga tgtggtgtca cgtgcctgta atcccagcta 300  
gtanggagggc tgaggcaaga gaattcgntg at 332

<210> 1293  
<211> 322  
<212> DNA  
<213> Homo sapiens

<400> 1293  
taaacagcat catatagtgt ataatgaatt acaatttggt attatttaac ggtgcaatta 60  
gaactttttt tccccacata ttggtacctg taagttaata tcctcctctg taattattat 120  
atagcaatct ttagataaac tgatttatta gttgcctatc aatttatacg tagtaccagg 180  
gatggatata aagaatagaa acaggtacag ctgtggagaa tgcaaccatt taagagtggg 240  
acagaagtta tctctgcaga ctgtctggag aataaagaaa caaaggaaca gaagctactt 300  
ggaacagaag tgttgatgga aa 322

<210> 1294  
<211> 332  
<212> DNA  
<213> Homo sapiens

<400> 1294  
acttcaaata tatattttgg gccctgagct gttgcccaca tttcactcac aatgtaatac 60  
tcagaagcct gactgctttg tctctacctt gtcttctctg cttctgtaat catttttccc 120  
cttttttaaac cttttacttt gaataattca aatttataga aaagttgcaa taactggcca 180  
ggtacagtgg ctcatgcttg taatcccagc actttgggag gccaaaggcg gtgtatcacc 240  
tgagggtcagg agttccagac cagcctggct aacatatagt gaaaccccat ctctactaaa 300  
aaaatacaaa aattagctgg gcatggtggt ga 332

<210> 1295  
<211> 324  
<212> DNA  
<213> Homo sapiens

<400> 1295  
gtatgtaata agaaaattaa ctctcattta agttagtgat ataattggaa aggaagtagg 60  
agaaaatcat atttataaag aaaaggataa acttaagggt gttactttt tataatagct 120  
ctaaaatata atttgtctct acctgtcttt tagaaggcag tagtatcctc actctcagaa 180  
cttcaaaatt aagcaaaaca catagatact ggaaaagtcc ccttagcata tccccttagt 240  
aatgccttct gagaataaaa gtttagtcca aattccagta tttatcaaat tcaactgggc 300

aagaatgccca gcttctaaac attg

324

<210> 1296

<211> 310

<212> DNA

<213> Homo sapiens

<400> 1296

gtttcactgt	ggtggctagg	ctgggtctcaa	acttttgacc	tcagatgatc	ctccctgagc	60
caccgcgtga	gccaccagcg	tgagccactg	cgcccagcca	aaagctttta	cacatctttg	120
aaaagtcttc	tgtgtgataa	ccattttgtt	tottatatat	gataaaaagct	ttaatctggt	180
agataataag	aaaattctga	agaataacta	tgattgtgct	acataattaat	atcaattatt	240
ctctgccaaag	aattgcatat	aacatactta	atactaatat	taaatatatc	tttcttttcc	300
ttcaattatt						310

<210> 1297

<211> 308

<212> DNA

<213> Homo sapiens

<400> 1297

gggacaattt	gacatgtatg	taaaaagctt	taaaaatgta	atgtatatta	cattatcata	60
catattaatg	tatattacat	ttaccctttg	actcccacaa	ttctactatt	aaaaatgtat	120
cctatgggga	ataattacgt	tttaactata	aagctgcgta	aaaatcaaac	tccgcaagaa	180
tatattacaa	accagctttg	aaactattaa	ttttactttc	ttttatagat	tttcagtgc	240
tctttcacaa	ggaccaatta	tttttaaaag	agttatttta	atgtagttaa	caatagggtg	300
aatttaaat						308

<210> 1298

<211> 207

<212> DNA

<213> Homo sapiens

<400> 1298

tggtacaggg	agaagtctag	ctcctgacca	ggctctgatt	tcctcggccc	tgccctattc	60
aagttcctca	aattccttga	ccccaaccct	tgccccataa	gaaacctccc	catgaccctg	120
acctgacag	agaactggcc	gtgaaaattt	ttgcattgac	aacagatatt	ggaatgcagg	180
gtttccctat	ctacttcagg	ccccttg				207

<210> 1299

<211> 334

<212> DNA

<213> Homo sapiens

<400> 1299

aatccattct	cacaaaataa	agcaatttta	aaattaaaaat	taggtgggtt	cattctattg	60
cttatgatca	aataaaaacat	ttctctggct	ttttcttgca	catagacata	atccaagtat	120
tttttcacat	gacctacaaa	tctctgaatg	atttggtctt	ttccacttct	ccagcatcat	180
cgtctacaat	cattactaca	tccttttctc	tctgcactga	cagcttcttc	caagcttttt	240
tctgcctcca	gccctttgaa	ttttctcttt	tcttttcttg	atcttgacat	agctgagtct	300
ttttctttat	taaaattgta	gacacagcag	catt			334

<210> 1300

<211> 300

<212> DNA

<213> Homo sapiens

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<400> 1300
ctaccatttt aaattaattt agcattggtc tgttacaaag tgcataataat ttagattcag      60
aagaattggg cttcagttat acttttgtca ttttctcaat atgtaacctg ggataaatcg      120
ctccctcttt ttcaaatttg atgtgtacaa atgtaatatg aagtacttgg caacgtcagg      180
aacatttgat aaggcaaggc atataaagat atgtgtgtag ccaggcacgg tggctcatgt      240
ctgcaatccc agcccttggg gaggccgagg cgggtggatc acctgaggtc aggagggtcaa      300

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<210> 1301
<211> 327
<212> DNA
<213> Homo sapiens

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<400> 1301
tccaaatgag gcaccattca tcacagcttc tttctcattt ccactctagt ggtaagaggt      60
ttctcttctt aaaactacaa tttcttaacc tttacaagtt atttaacatt ttctatcata      120
ttaaattagc aacataaaac attatccttt atctataaac ttctagtctg gttccctaga      180
gtttatatac acgtttttat ttctaactcg caagaaaaaa aattcctatt tgttatttgg      240
taacagagca ttaaaagata ctataacat gtggtgcata tatatatata tacacacaca      300
cacacacaca cacacaaaat acacttt

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<210> 1302
<211> 149
<212> DNA
<213> Homo sapiens

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<400> 1302
ctcacacccat gaagtcaaac cctcaaagat ctacagcctc agtgaaaagt tggataagaa      60
aaacagtctg ctcaccagca ctggacgaca agaaggaagc ttatctgact ctggatgaca      120
aggacggggg aaaagtctct tctaagaat

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<210> 1303
<211> 334
<212> DNA
<213> Homo sapiens

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<400> 1303
ggctgctttt tactcctttg aaaatattat ttcattgcatt acttctcggg agtacaattg      60
aatccttttc tcattttcct agacagttaa tgcgcactgg acctaaaacc tgaaaaggta      120
atatttacaa atttgaacac atatatctgc ctctctgaat atctccattt aaatgtctct      180
taatgtctta tcagctcttg aaaataatta gcaaattgag tagatgcatg acatcataat      240
ttctgatctc acctcaaaga acaacaaaag tctactatga attcaatagt gaattttaat      300
gatttttgca ctgcattcat tacatctata taca

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<210> 1304
<211> 333
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(333)
<223> n = A,T,C or G

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<400> 1304
acctattttc ttattgtttt cctgcatatt ttggaatgat atcttgagat tcgtgcttta      60
tgccaaagcc tcacttgatt agggaatatt gagtataaac cattgagaaa gcaacagtct      120
cttgagtttt actaattggg gtgtgtgggg tgtgtgtgtg tncntntgtg tgtatgcata      180

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tgtggatatg	tgtatgtata	ttaaagatat	aagtaagaat	tttggaatat	gaattatatt	240
ttgggtttaa	aaaagagggg	agtttttagtt	gtgttagtta	tgtaataaaa	ttgggtttaa	300
aattagggtg	aagtgggggg	ggtattttgt	tag			333

<210> 1305  
 <211> 313  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(313)  
 <223> n = A,T,C or G

<400> 1305						
cacttgtttg	taaaaggcaa	gcagaacaca	cagaaagata	attgagttga	atTTTTagcag	60
tatgctttct	gectacacat	taaagaataa	attattaaga	cagaatccac	agacccccca	120
aggatatttg	aacgtacatt	tttctgatga	gatagcaca	cactttgagg	agatgctcag	180
agaagttcat	gacctttgac	aagcaatttc	tgcattaggg	aatatacttt	aagattttat	240
tctcagaata	cttcaaaata	agctataatg	gtaacaattc	cctaaattca	aggattttct	300
atgaattatg	ccn					313

<210> 1306  
 <211> 331  
 <212> DNA  
 <213> Homo sapiens

<400> 1306						
aatgaccaca	tttcacaatt	gaacagggga	tattattttca	tactataata	ttattttcaaa	60
ctataataaa	gaactggctc	ctgtagaaga	gaagggaaat	tattttctat	gatocaaaga	120
attgaaatac	atatcagtta	tagtaagatt	caattgtagt	agcaaaaaca	attggaaact	180
atttaaattg	gcatcaatac	aggaaaatgg	tgacatgtac	tgtaatacat	ccatacaaaa	240
gaatactgtc	ggccattaaa	agaataaaat	acatccttgg	ctgggtgtgg	tggttaaacac	300
ctgtaatccc	agcacttttg	gaggctgagg	g			331

<210> 1307  
 <211> 333  
 <212> DNA  
 <213> Homo sapiens

<400> 1307						
attttaacag	caaatatctt	tctttgttag	tgattttaa	cagctgacta	taccttgctt	60
aaatccagct	tctcacaaaa	tagaataaac	agcacatgg	tttatgattg	caccaaata	120
ttcttaaaaa	ttttcccttt	gataaatatt	gtttctacct	atgtagacat	aatgtggcga	180
tttgagaggt	gacattagct	tatgatcaaa	taggattcca	tgactgaaaa	cagaaggaag	240
atactttctt	tcttttcttt	tttcttttct	tttctttact	ttccctttct	ttcatggagg	300
tgtacttttg	ctgcccaggc	tgggaattgag	tga			333

<210> 1308  
 <211> 327  
 <212> DNA  
 <213> Homo sapiens

<400> 1308						
tgaactcct	gacctcaggt	gatccacctc	gcctcagcct	cccaaagtgc	tgggattaca	60
ggcatgagcc	accatgccc	gectactctt	taataagtgt	aaaatatctg	tgatgaaaca	120
acttagtctt	taatcaaaca	atataccgta	ctgtatctta	ttttttttaa	aaaatccaaa	180





<212> DNA  
<213> Homo sapiens

<400> 1313  
tacgttcttc taaaacacat attgtgaatt aatagaaata ctattgaaaa attggaaacg 60  
taatttgaaa tcattcaaaa gcaaacgcct ccacttgagc cctattagag gaatatgaac 120  
aaaat 125

<210> 1314  
<211> 315  
<212> DNA  
<213> Homo sapiens

<400> 1314  
atatctcata tactccataa atatatatac atactctatc cacaaaaatt aaaaataaaa 60  
aaatagtaac aaagtttttc taaatttaaat agtgtttttag aaattaaaag agaccaaga 120  
ataaaaggaa aggtgaacta agagagatat aggttaaaaa gaaatataag agaaataagc 180  
tatgtaagag atacagggcg ggcgcggtgg ctcatacctg taatccaaca ctttgggagg 240  
ctgaggtggg tggatcacct gaggtcagga gttcgagacc agcctagcca acatggtgaa 300  
accctggctc tacta 315

<210> 1315  
<211> 317  
<212> DNA  
<213> Homo sapiens

<400> 1315  
cttattgccc actcttacca atttgacaga gacttctgaa gataattcgc aattctaatt 60  
aagggtttct gaaacagttt tggcggtggg tgttttttgg tgtgtgtgtg tgcattgtgtg 120  
tatgtggtgg tagtgatttc taaaatatat agttttaaac attgaacagt aaaggtagc 180  
aatgatatct cttttttctc tgtgatttac tgtgctttct aatgttctac atttattgta 240  
tattgacttt atagtcacag aaaacatggt atacaactat gtagatgtat tttcgaaggc 300  
acgcattaac ctatcag 317

<210> 1316  
<211> 322  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (322)  
<223> n = A,T,C or G

<400> 1316  
taaacagcat catatagtgt ataatgaatt acaatttggt attatttaac ggtgcaatta 60  
gaactttttt tccccacata ttggtacctg taagttaata tcatcctctg taattattat 120  
atagcaatct ttagataaac tgatttatta gttgcctatc aatttatacg tagtaccagg 180  
gatggatata aagaatagaa acaggtagag ctgtggagaa tgcaaccatt taagagtggg 240  
acagaagtta tctctgcaga ctgtctggag aataaagaaa caaaggaaca gaagctactt 300  
ggaacagagg tgttgatgga an 322

<210> 1317  
<211> 337  
<212> DNA  
<213> Homo sapiens



<210> 1322  
 <211> 267  
 <212> DNA  
 <213> Homo sapiens

<400> 1322  
 gagccctcct gggctaagcc caaaatttgg ggctccctcg caatggatca gaactgtgtt 60  
 ctcagagggc aatttggaac ccaactggca agtgaaaaat tttaacagtc ttacaaaatg 120  
 ttagcacaaa gctttcatga tctgagtagg taatcttaac tcatttcacg tgcctctgca 180  
 gatgcaaatt ggatctcaact tatttattta tttatatatt ttgagattga gtctggctct 240  
 gtcaccacga ctggagtgcg gaggcac 267

<210> 1323  
 <211> 334  
 <212> DNA  
 <213> Homo sapiens

<400> 1323  
 tacattgttc aggtcttctg tgttcttacc caggccccac tcaacctttg agctattcca 60  
 gtatgagagt gaattagacc tcccactatc acggtcttac tgtcatttct catggcatta 120  
 gtcttaatat tttttatatg gtaattctat gttcaagact gtgaacatat tcagggtcca 180  
 agttattttg tgttcattaa aaattttact ttgaatcatt atgaatagtt cctaggttga 240  
 gcttcgggct ccctgacccc agagcagttt ccatttgcac gtgttgacca tattctctaa 300  
 cccgtcccat aaaattgatt ctactatttc ctgc 334

<210> 1324  
 <211> 322  
 <212> DNA  
 <213> Homo sapiens

<400> 1324  
 gaatcaacgg ggagtgggtt aaggccatta ctgagaggca cagagctacc actaatgaag 60  
 ggggtgcat ggcatagaga agccttctga acaactcagc tttaacatg tgcaagaatt 120  
 actttgacaa aaaaattaca attttctaata ttaaaaaaaaaa attactaagt tattgggctt 180  
 atctaggctc tagattgggg gatatgaaaa tcatattcaag taattatctc atagtatttc 240  
 atcccactga ctacaaggct acaagagaaa cctcccttgg gagaaaatga agaaaaatat 300  
 ttaataggga aacagactaa tt 322

<210> 1325  
 <211> 313  
 <212> DNA  
 <213> Homo sapiens

<400> 1325  
 gcatcttcat tactgaaaat ctaatttgtt tctcaaaatc ttcgctggaa atattgaact 60  
 ggagcagaga attaaattag ctcaaattca aatgtgggtt gctgtcattc gagcaaaatt 120  
 ggtctctctc ctgaatttct acaacttcct gtccattatt ttggtggact ttcctgagga 180  
 aagtggtaat ttgctgaaat caaaacataa taaaaaatggc cccatttttc taggatctta 240  
 agcaggtgga actgacttta ttcaaattcc agaggaaaga tgagacacag acttccgttc 300  
 tctgagctgg cca 313

<210> 1326  
 <211> 332  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(332)  
 <223> n = A,T,C or G

<400> 1326  
 ggatgggtag ctggataaat agatgagttg gaggtagatg tggggagaga aaanactcan 60  
 cggggacgga aagcacaggg aggaaaaatg gccaccagag ataacagagc agcctatgct 120  
 aattaatgat caactgtgtg tgggttttttt cttttccccc cctgtttatg ttcttccttg 180  
 ttcttccttt ctccctagct tttcttccat ctctctctct aatttcatag tttcccatcc 240  
 cattttaaat ccccaactttt ttctccgctc cccaaatcct tctccactcc ttctcctttc 300  
 tctctctatc acttccctct ccccatctc cc 332

<210> 1327  
 <211> 330  
 <212> DNA  
 <213> Homo sapiens

<400> 1327  
 catatgttcc tccaagtcta ggaaccattg ccataaatat caaccgcctc ttctcgtga 60  
 gaccacagta actatgggat gatacaataa gggcaagatg aaagatcaaa gctttggtga 120  
 aggaaagata atggaataaa agacacggct gtgtatcctg taattaccac tatacaaaca 180  
 ggcacagct ttatagtaat aatcgtagag catttattct gcacttccta tatgccaggc 240  
 tttttactct tttatgaaca acatctcact tgtcacagct tgaggctgta agttgaatta 300  
 tgtgttgctt actaaagata ctggaaatta 330

<210> 1328  
 <211> 331  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(331)  
 <223> n = A,T,C or G

<400> 1328  
 ttagtatgct ttggaaataa ataggatttt aacctccagg gaaaatcaaa ttgaaaaaga 60  
 aacttttgtc aataatztat tcaattcaat ttaactttct tctgccttta ccataatcaa 120  
 aatttctggg cactcaaaat tggaatctga taaggctaag aaaacaactt gactgatcac 180  
 acagcagaag tagctgtctt gaactttttc tcatgtactt attgtccaca tgtatgtctt 240  
 cttttgaaaa atgtttatat tctttgccca ctttttaatg gggntgtttg tttgtttctt 300  
 atatatattgn tgaagttcca aataggaaga a 331

<210> 1329  
 <211> 330  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(330)  
 <223> n = A,T,C or G

<400> 1329  
 catatgttcc tccaagtcta ggaaccattg ccataaatat caaccgcctc ttctcgtga 60  
 gaccacagta actatgggat gatacaataa gggcaagatg aaagatcaaa gctttggtga 120  
 aggaaagata atggaataaa agacacggct gtgtatcctg taattaccac tatacaaaca 180

[illegible]

<400>	1330						
tcatgaaata	aagcgtagaa	gttagtgac	gaatttgttc	tgggcgtttg	tttagtatt		60
ccagcatttt	gtttctatg	ctaactgatg	agaaatgctt	taaacacata	aacatgttct		120
gatgtgtatg	tgtgagactt	gcgtttccca	acgttgcata	aaataggcac	aaataagtgt		180
aaaatagtgt	aaaataactg	caaatagctt	tatcttacac	agaaagacag	gtgaacagct		240
cgtctttaat	cttaagcata	acatttgttt	tggtaatctt	ataaaagattg	cttcttgcac		300
attttttaaa	aaaaaatgtg	aaat					324

```
<400> 1331
ggcttctttcc ggccggggccg agaggtgggt acattcgttg aaggacacca gctgcggaat      60
ttgcggccttt ggcagattga aatcatggca ggtccagaaa gtgatgcgca ataccagttc    120
actqqtatta aaaaatatatt caactctttt cctctcacag gt                    162
```

```
<220>  
<221> misc_feature  
<222> (1)...(329)  
<223> n = A,T,C or G
```

```
<210> 1333
<211> 328
<212> DNA
<213> Homo sapiens
```

336

<210> 1334  
 <211> 195  
 <212> DNA  
 <213> Homo sapiens

<400> 1334  
 tcatgaagca taacatagaa ttgaatacct gtggagcaca aaacaaataa caaactatta 60  
 ttaatatcat tgaaataaatt cctatgtttc ttccatgtct catgctgtca tctttcctgc 120  
 atcctcactc acagaaaacc atttgtacgt ataatttggg tatcttgctc ttctctttaa 180  
 taattttatt accca 195

<210> 1335  
 <211> 330  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(330)  
 <223> n = A,T,C or G

<400> 1335  
 tatggtatgg gagaaagaga gagaaagagg gcaacacgcg cacacacaca cacacacaca 60  
 cacacacaca caaacacaca cacacacccc cctgtgtgta acccagctga aaaagatctg 120  
 aatcagccag tgggttatgag agggacaaaa attgggggtat ggggggtgtca caggggactt 180  
 ttttttcttt ttctctcaca tctctgggtgg gaggaacttt tgccttttct ttagttgtgt 240  
 cttctatttt gttttctcag gaactggctc agcacagtat tttcttaaga taggttcttg 300  
 ctttgtcacc gaggctggag tgcannggcc 330

<210> 1336  
 <211> 308  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(308)  
 <223> n = A,T,C or G

<400> 1336  
 agagtaattg tgggtgcacct aatttagaag cttttgaaca aagattatca ggaggttaagt 60  
 gaatgagtct tggaaatact taggagaaga gaattccagg gcagcggaca agcaatgcag 120  
 aggcagaagc ataccaatth gtggaagtgt ttggagtgtca ccagagaaga gaagcagaaa 180  
 agaggtaatg ggggcagatc tcaaaagcct catagatcac tgtgttattc tacagaaatc 240  
 tatgaggaca taaatatatg agtacaaaaa tgttcttgca gcattgtttg taagcagcan 300  
 aaaattaa 308

<210> 1337  
 <211> 212  
 <212> DNA  
 <213> Homo sapiens

<400> 1337  
 agatacagcg agattccctt ctattgttta catgtcacgg atgaaaacaa aatacgttag 60  
 tcacttttaa tcagttaaaa acattgaatc aaaacaatct tgttgctcag ttcaaaactat 120  
 cttcttatcg attattgggtt ttctctaat tataacacca caaaaaatag ctctctgag 180

tgaaatcata taatagaaaa tgacagataa tc

212

<210> 1338

<211> 328

<212> DNA

<213> Homo sapiens

<400> 1338

gagaggaaca	gtgggcgcaa	ggaagtcagc	ttctcagagc	tcaagagtag	atctgagttt	60
aactcattaa	agatggcatg	gaagagcagt	gtcataatgc	aatgggaag	atttcttctc	120
ttagtaattt	tatttctgcc	acgtgagatg	acaagttctg	ttttaactgt	gaatggtaaa	180
actgagaact	atatactgga	tactacacct	ggctcccaag	catctctgat	atgtgctgtt	240
caaaaccaca	ccagagagga	agaactgctc	tggtaccgac	aggaggggag	agtggatttg	300
aaatctggaa	acaaaatcca	ttcccgcg				328

<210> 1339

<211> 332

<212> DNA

<213> Homo sapiens

<400> 1339

cggggatgtg	ttgggactta	ccactcttat	actgccccgt	aaaaagggct	ttgtttgcga	60
atcatgagat	gctattactt	tattcgtccc	catcataatg	tggaatacat	gagtttacta	120
caacaactgc	atttattcta	tggttcaggc	tcacatctat	gagtgcact	tcttctaggc	180
tgaagcagga	gaattgcttg	agcccatgaa	gcataggttg	cagtgagccg	agatcattcc	240
attgcgctcc	agtctggcga	cagaacaaga	ctctgtctca	gaaaaaaaa	aaaaaaaaa	300
attgcggggg	cggtttttat	ctaaatacca	cc			332

<210> 1340

<211> 317

<212> DNA

<213> Homo sapiens

<400> 1340

aagtttgctg	gacaattacc	gtgtaaactg	catgaccctg	cagtacctaa	cactgcttcc	60
gtctctacag	tagccacggg	caccgcagcg	gcctcagagc	agaaggcaca	gggtactacc	120
agggaggcat	cgcagggcgt	caacaccgag	gacctgaggc	caccgccttg	agccacgccc	180
cgtgcaggag	cgggtcctgc	gcgttcggcc	ccgggaggcg	gcctgcagaa	accgtccaaa	240
gggctggcct	tggttgctcg	gcacacctct	gactgggccc	cagtttcttg	agggcagggtg	300
tggggaaggc	ttgtccc					317

<210> 1341

<211> 244

<212> DNA

<213> Homo sapiens

<400> 1341

taccaccctg	accagctgac	ttcacctgcc	atgtggaaag	aagctgggaa	gagtggggag	60
ggtagacctg	ggaaggggac	acagaggaga	aaggcaggaa	cagagacaca	aagaaagaag	120
gagacagctg	cagagggcca	ggcacagtgg	ctcacaacta	tgatcccagt	actttgggag	180
gccgaggcgg	gcagatcacc	tgaggccagg	agttcaagac	cagcctggcc	aacatggtga	240
aact						244

<210> 1342

<211> 333

<212> DNA

<213> Homo sapiens





gcttctactt	ccccaggata	acagaattgc	ccatttttcaa	cctcaggaga	gagggggaaa	240
agcggccccc	cccacatggc	caaaataaatt	tttgtttttt	ttcaaactac	gggtgttatc	300
acaagagqct	ccc					313

```
<210> 1347
<211> 328
<212> DNA
<213> Homo sapiens
```

<400>	1347							
ggacttccgg	tcggcgtgag	cgtgaggtgt	gggtgttcgt	ttctcaggta	aaacatggct			60
aaaagcttac	ggagtaagtg	gaaaagaaa	atgctgtctg	aaaagagaaa	aaagaatgcc			120
ccaaaggagg	ccagcaggct	taaaagtatt	ctcaaactag	acggtgatgt	tttaatgaaa			180
gatgttcaag	agatagcaac	tgtggtggta	cccaaacc	aacattgcc	agagaaaatg			240
caatgtgact	taaaagatga	aaaagatgac	atgaaaatgg	agactgat	taagagaaac			300
aaaaagacc	ttctaagcca	qcatggac						328

```
<210> 1348
<211> 300
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G
```

<400>	1348						
ggagcccgga	gcgtcgtgga	aagcattgga	cacattttcca	ccatgcta	at	ggcatttttaa	60
atatatttgg	caatttttccc	aatttttttac	tgaagaaaac	tgtaaagtta	tacttgagga		120
ctgaagtgtg	actctgcgga	ttatcagget	ttcaagatga	atctggaaaa	actcagcaag		180
cctgaactcc	tgacactatt	tagtattctt	gaaggagagc	ttgaagcaag	ggaccttggt		240
atagaagcct	taaaagccca	acacagaagt	actttctatt	aagaacgcta	tggaaaaatan		300

```
<210> 1349
<211> 324
<212> DNA
<213> Homo sapiens
```

<400>	1349						
acagttacct	tggtaggaaa	gtaacgcttg	gtcttaaatt	gcttgaggaa	tgaagacaga		60
aaaaatgttg	tgaaaaacaa	gatgacacac	caaaagagca	catctggaat	ataaggtcca		120
tgatgaccac	aagctgaccc	caagaatata	ccacgaagtt	ttttacattc	ctggaaaaaa		180
ggagaaagaa	aaagcagaat	ggggattcct	acgtattcaa	taaattatta	tgagcttcac		240
tgactcgtaa	gatgcaactg	attgtaagag	gcaccattac	tttgcatccc	ttataaaagaa		300
aaaacattct	ccaqccaact	atat					324

```
<210> 1350
<211> 323
<212> DNA
<213> Homo sapiens
```

<400>	1350	
aattttttcat	gtttcctttg	aagtaatctc ctttaactaca aatcagttct tatcaacaaa 60
tattttataaa	ccaaatatga	gttgcttgat tatgtttcaa atattaatca tgttctgtgt 120
agaactcctt	gaatataata	tacagcagaa gcagctctcaa atgctggaga tcgaagtggg 180
qactcagcatt	atgaaaqaca	gagcaacgga actgcaggag cagctgagtt ctgagaaaat 240



<213> Homo sapiens

<400> 1355

ataaaccatg	gtcattttta	ggcatgtatc	attcattttac	tcatagtttg	gtttacttaa	60
attatcagga	atacaatggt	gcaatgatgc	ttaaaaaaca	cttgtttagt	ttccctgtac	120
caggcaatgg	ttataattaa	aatgatatgc	tggtgagaag	ccactcttaa	gagtccagtt	180
tggtttaatg	ttatgggcag	ctaccaatth	ggggcgctct	tgtatatttt	tggaagatt	240
ctcatttttt	atgcttgaag	tatttggtga	aaagatgttg	gttgaccata	att	293

<210> 1356

<211> 308

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(308)

<223> n = A,T,C or G

<400> 1356

aataggaggg	acacctcatc	acaagcacia	gctaagggca	ccacagccag	ttatctcttt	60
acaaatgggt	tagtcaccct	gagaatcaga	tgcatgtcta	caccctaagt	gagagctgtt	120
aataaagtct	gattaataag	ctatgtcaca	gagtagtgaa	ttttccgaat	gagtgttgat	180
tatgatgtta	cagagaaaaa	ttatactcat	gttaaccaga	ttgttgtaag	tagtgcaagt	240
ccaaatacatt	cttagtggtg	tttttggtg	tctcacgtac	actggccaca	tctaagaatg	300
aaataatn						308

<210> 1357

<211> 302

<212> DNA

<213> Homo sapiens

<400> 1357

gagtcgtgta	ataaaacaat	aaaagccgtg	ggttttatga	acagtttcag	tttggatttt	60
caagaagcaa	aagaagggtg	caaaagaacg	accaaggaat	aagaggcttt	cagaaataac	120
caagaacatc	aaaaataaag	aggactttta	caagtgaata	atgcagtaat	caaaaatgaa	180
ctcaaaagag	agattaaata	gattagacac	aactgaagag	aaacttagta	agtgagaagc	240
tctatcagaa	gaaattatgc	ctaatacatg	gagacaaaaga	aatggaaaat	attcaagagg	300
ag						302

<210> 1358

<211> 309

<212> DNA

<213> Homo sapiens

<400> 1358

acagtgaaga	ctctgggtca	tgctcagaaa	ttccatttat	tgaactactc	tgaatttgct	60
gcctctgtca	atcaaattta	atatttcaac	tgacataaaa	aattgagcaa	tttttgtttc	120
cactttatth	ttctttttaga	acctgacctt	gttaactggg	gactgctact	aatgtcaaag	180
ttatccgatt	tttgataagg	ctagcgggtc	ctgccatttc	atttagagtt	tattccgcat	240
ggtgtatgca	attgttttga	atggcatggt	aaagatgttt	tattaaccct	aagaaataag	300
agatccaat						309

<210> 1359

<211> 303

<212> DNA

<213> Homo sapiens

<400> 1359  
 attttgcaca tgatcctggg aataaagagt cacaggtaaa caaggctgca agaaaagtcc 60  
 aggtgggtgtt cacacagtag ctgcaaaactt ctcagaactt ttcagaaatt catccttgcc 120  
 tgtcattaca ttttttaatg agccactcag cattccaacg aacaacccaa tacatcattt 180  
 cctctattaa ttggtgcagt taatttgaaa actgtttctca gttctatatt tatatgggaa 240  
 atattaagag tccatctcct tgctcctttt tcattaattc cacacacatt catggagcat 300  
 cac 303

<210> 1360  
 <211> 307  
 <212> DNA  
 <213> Homo sapiens

<400> 1360  
 tacggatgac aaaagacgag ccgaatgggt cccattttta aatttttgag cttattcaaa 60  
 aagcttaaaa tacaccatga gccaacatta tatgaagcaa actaaacata tctagagatg 120  
 cagcttggcc catggactat tcagttttta cttctgcttt aaaggatgac gctcaattgg 180  
 cagttcatat atacatatat atatatatgc gcataaaatt cacagacctt tggtttacac 240  
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 aagatgg 307

<210> 1361  
 <211> 278  
 <212> DNA  
 <213> Homo sapiens

<400> 1361  
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 actcagaagc ctgactgctt tgtctctacc ttgtcttctt ggcttctgta atcatttttc 180  
 ccctttttta accttttact ttgaataatt caaattttata gaaaagttgc aataactggc 240  
 caggtacaga ggctcatgct tgtaatccca gcactttg 278

<210> 1362  
 <211> 259  
 <212> DNA  
 <213> Homo sapiens

<400> 1362  
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 tgctacttaa tagaaaatgc tttattgaca tttatgttct ttacctaatg atgtggattt 120  
 aaatgatggc tgtcatcttc attagaactg actgtcgaaa gagtaccagc aatgacaata 180  
 ccgaaacccg gtctcatttt aattggggcaa accgagaaac ataacattgg gctgaacatt 240  
 tcaccaattt gactaccac 259

<210> 1363  
 <211> 415  
 <212> DNA  
 <213> Homo sapiens

<400> 1363  
 ggcacgagct caggtaaaac atggcttttt gcttttttgag taagtggaaa agaaagatgc 60  
 gtgctgaaaa gagaataaaag aatgccccaa aggaggccag caggcttaaa agtattctca 120  
 aactagacgg tgatgtttta atgaaagatg ttcaagagat agcaactgtg gtggtaccca 180  
 aaccatata ttgccaaagag aaaatgcaat gtgaggtaaa agatgaaaaa gatgacatga 240  
 aaatggagac tgatattaag agaacaacaaa agactcttct agaccagcat ggacagtacc 300

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caatatggat gaaccaaagg caaagaaaaa ggctgaaggg aaagcgagag ataagaaagg 360  
ggaaaaagcac agcaaaaagca gtgaaagtgg caagggggtt ggccctggat actcg 415

<210> 1364  
<211> 386  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (386)  
<223> n = A,T,C or G

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gaattatttta atttacagta ttttgataac ttcaaagctg gtaaaatgaa attagagcta 120  
tctgcttggtg ctcagaaatc aattctcatc aaataatatg aaattatgtt atctaaaagc 180  
atttaccccta ttaagtgcac gacaaatgag aagtaaggag acttaataca ctgtttgcc 240  
attgatgaca ctggccacaa acatcccact ctttacaagc agtaacaggg aagggagtct 300  
tttgaaaaaa caatttgngc cgggcatggt ggctcacgcc tgtaatccta acacttttgg 360  
aggccgaggc gggccgaaca cgaagt 386

<210> 1365  
<211> 378  
<212> DNA  
<213> Homo sapiens

<400> 1365  
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ttgctaagtt cgtacttggt cttggtttat tttattttat aaataggtat cactcgcatg 120  
gttccaaatg cggtaggcac agagagtata tatgatggaa ttacatctc cttccctgca 180  
ctcagcaacc gagatcatcc cgctacgggc actcaaaggt ttcattgtct gaaatattag 240  
cctaaacgta gtttatggtt aggaagcaac aaccgtaaat aggccacat ccaaacggag 300  
tggatttagg tttcactttt tcaaggaaaa accatcaaag aatttttcca catacttata 360  
aaccatccca cgtataga 378

<210> 1366  
<211> 378  
<212> DNA  
<213> Homo sapiens

<400> 1366  
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tttatgtact caaaaataat agaaatgccca tttttaatat ttaccaataa cctattttaac 120  
ttagtaagga actgcttccc ctgggggtta gaaatttgta cacagccttc tggatacaaa 180  
taatctttat ttaattaatt aatttatttg ttttttgaga tggagtcttg ctctgttgcc 240  
caggctggag tgcagtggct cgatctcgac tcaactgccat ctgccacct gggttcagg 300  
aaaaaattct cctgtctcag cttcccaggt agctgggact acaggtgcat gccaccatgc 360  
ccaactaatt tttgtatg 378

<210> 1367  
<211> 395  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature

<222> (1)...(395)  
 <223> n = A,T,C or G

<400> 1367  
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 cgtatccttt aaaaaacaat tattttaata tatattataa ttgtacatat tttcgggtgtg 120  
 catatgggtga aagtcattgg agtgggaagat agcaaggagc ttggaaattg aaaaggaatt 180  
 cagaagttgt tgatgaactc tgaagttatc agcatggatg gttgaatggc atcatagaca 240  
 actatctaga gagacagtac ttgctttact tttggaaatc agtgtgctgg cattaaaact 300  
 cagggacttg aaaatgatgg acacagccaa agaatatagt atggtgcctg ggggtgtangg 360  
 agtggaggga gatattcatg cattctgtaa tctgg 395

<210> 1368  
 <211> 393  
 <212> DNA  
 <213> Homo sapiens

<400> 1368  
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 gagcaagggt ctcttctgtt ggcccagtct ggaatgttag tgggtcaatc tcgactcact 180  
 gcaacctccg cctcccggtat tcaagagatt ctcttgcttc agcctcccaa gtagctggga 240  
 ttacacgtac gcaccaccat gcccggaaca tttttgtatt tttagtagag atagggtttc 300  
 aacatattgg ccaggctggg ctcaaactcg tgacctcaag tgatctgccc gcctcagcct 360  
 cccaaaatgc tgggattata ggcgtgaacc atc 393

<210> 1369  
 <211> 388  
 <212> DNA  
 <213> Homo sapiens

<400> 1369  
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 ttactaatgc ctgcaattgc tgataataga cgtgccccag gaatcgctgc aagggaaatg 120  
 gagcaagggt ctcttctgtt ggcccagtct ggaatgttag tgggtcaatc tcgactcact 180  
 gcaacctccg cctcccggtat tcaagagatt ctcttgcttc agcctcccaa gtagctggga 240  
 ttacacgtac gcaccaccat gcccggaaca tttttgtatt tttagtagag atagggtttc 300  
 aacatattgg ccaggctggg ctcaaactcg tgacctcaag tgatctgccc gcctcagcct 360  
 cccaaaatgc tgggattata ggcgtgaa 388

<210> 1370  
 <211> 366  
 <212> DNA  
 <213> Homo sapiens

<400> 1370  
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 tctccacttc ccaaagttct gggagtacaa gcgtgatcca ccatgcccgg ctgaggctag 120  
 gatttttaatt atattccaac atttcttact ctcttcatta ttactcccca aacagccttt 180  
 ttaggcattt tcctcctagg ttctgcctgt gaaaatttac tactacagat tattgtatgt 240  
 ctgtatgtat gtaatgtatg tatctgtgct ttatacataa aatgattact tttgcccttc 300  
 ctctgccccg gctcttactc ccattagcgg gggtttgctt ccattaacaa agatagctgg 360  
 gcttg 366

<210> 1371  
 <211> 390  
 <212> DNA

<213> Homo sapiens

<400> 1371

ctttggaaga	atgcctaaaa	agacgaaagt	tggcaaagca	gcctgaaaca	gtttctgttg	60
ctgaactcaa	aagtctgtta	gtactcacia	ggaaacactt	tttagattat	tttgatgctg	120
tgattcctaa	aatgattcta	agaaagatgg	acaaaattaa	aaccttcaat	atattaaatg	180
atthttagtcc	agcggaaacct	aattcctcaa	gtctaattgga	aaccaatcct	ctggaatggc	240
cagaaaggca	tgttcttcaa	aattttggaaa	cttttgaaaa	aactaaacaa	aaaatgagaa	300
ctgggtcatt	acctcattca	tctgaacagt	tgctgggcca	caaagagggga	cctcgggact	360
caatcacatt	gttgatgct	aaagaattgg				390

<210> 1372

<211> 391

<212> DNA

<213> Homo sapiens

<400> 1372

ggcacgaggg	caggaggcca	gatttggtcc	tcaggctgta	atthcttggc	cccttgctca	60
gggagaggt	aacgagggga	ggagagatca	gtcaaggatg	acgtgagggg	ttgctgggag	120
caccaggaat	cctggagaag	gtagtggcaa	gaggggtgcag	caagctcagc	tgggcggggga	180
tcaagtctga	ggacttaatg	tctcctctga	tctccagacc	cataagggag	atgctgagta	240
gacaactggg	gcttatgggt	ctggagttca	gaggagagat	cggaagggtg	tccatttgga	300
gtcatccacg	cagagatgtg	tgaaggctgc	tcaatgattt	tgaggtttaa	agaaaaaaag	360
agatgtgaaa	ccagggggccc	tgatgaggct	g			391

<210> 1373

<211> 386

<212> DNA

<213> Homo sapiens

<400> 1373

cgggtgctgtc	caacacatat	tgtctgggtt	ttaacaggag	tgatacagaa	tggcaaagct	60
tgatccatat	agtaagagaa	tacaattatt	gtcgagtttt	aacaggagtg	atacagaata	120
cgagaggggc	ctgctgatga	attgaagggg	atccaataaa	gagattactg	gaataataaa	180
gatgatcagg	acttacacta	aaatatttgt	gataaggata	gagaaaaagt	gttaatgtat	240
tgggggaaat	cacaggatat	atcagctgaa	tgcttatgtg	aatgagaat	gatgaaaagt	300
acttaaatgg	agagatggca	tgggcccactg	tattactctg	tgctcacatt	gctataaaga	360
aatacctgag	actgggtagt	ttataa				386

<210> 1374

<211> 383

<212> DNA

<213> Homo sapiens

<400> 1374

cgttgctgtc	gcacacacac	acttacacaa	tggaaataca	atatatatgg	tgaactcatt	60
tacaatacgc	gattaccagt	tttccatggt	agtttttcta	cccttacctg	atcattttta	120
cgactactta	aaattttctc	gctggatcaa	caatattttt	tctacatcct	atcaatggct	180
cacttttagg	tagcttccca	tatttttact	cttacaagt	aacattatgg	aggaacacct	240
ttgagcatat	acctttctac	acttgctcaa	gttttctctc	tctctcccc	cctttttttt	300
tttcacctgc	agacacaggg	caaccaagtt	gtcgtcttca	aattaatttc	tcagagtcta	360
ctctctggat	aataggggtg	agt				383

<210> 1375

<211> 385

<212> DNA

<213> Homo sapiens





[illegible]

<211> 318

<212> DNA

<213> Homo sapiens

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ttcttaaatgg	ccatcacata	cgcatacagt	gcctgcatgg	ctgacctcag	ttactgaagc	120
tgacgccaga	gagggaaact	aggtcttcac	tgtaaataac	attgttagga	taaactaaat	180
ggaaaaacta	aatgaagtac	agtatagctg	aagacctccc	agcaggcaaa	atgctcttat	240
cagtcagaat	gtttcaaggg	ctcagttcca	aggagccagc	caagggccag	tcatgaaaac	300
ccccattcat	tqtaataq					318

<211> 318

<212> DNA

<213> Homo sapiens

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gtgcagctga	gctggtatta	tactggagc	ctggcacttc	gccttcatt	gtggtttcct	120
ctgtgtcagt	gaaaccacag	ccactagacg	gggagcaact	caaggtggg	ccgggggtga	180
ggagctggag	cctgagcccc	cagtggagaa	gtgagtgggg	gtctccagct	aggaaggaaa	240
gggtgggag	tggagagcag	ccccaggggg	cagtcactaa	gccccatgca	gggcagaatg	300
ccaggaaacac	agggtcca					318

$\langle 211 \rangle$  311

<212> DNA

<213> Homo sapiens

ggtagctcaca	agttaacaaa	cttcaaaatg	ctatttgaaa	gggaaactaa	taacatttaa	60
aagagggtcac	agtactgttt	gaaaatctac	aaaggagtc	tgatctttgt	tcaagggaagt	120
aaaatatttaa	ggaaatttgt	gttagttgag	ttcttgactg	aacatgtgct	atgaatttct	180
gattgtggaa	gctgcttcct	attcgaaaat	aaaataaaac	tctcttggtg	tgcaaatgat	240
aagaatatgt	tttggatatct	aacaatatct	aaaagcaaac	tctctgcaaa	gtatcccgag	300
atgggttact	t					311

<211> 405

<212> DNA

<213> Homo sapiens

attgttatcc	gaaatagaga	aataactcct	gttaatcaag	aaaaagacag	aaacttcaat	60
gggaaaaaaa	ggaccaatga	aagagacaaa	ctaccataga	tcagatttct	tcccatagct	120
aaacagtata	caaagaaact	tcatatttat	aattatacaa	atgcaaatca	aggcagtgag	180
tcattactct	tatcagaaa	actctaattt	aaaaggataa	acacaacaat	tattagaaaa	240

tgtgcatagt	gttaactttc	actcacttgt	agtgaaaagt	agtctggaaa	tattttatac	300
atcatagaga	aattccgaga	atcatataca	ggtagatgat	gataaggaat	atgggtattgc	360
ttgtggtgac	agtcatttgg	tggcactctc	atgattggtg	gcaat		405

<210> 1384  
 <211> 425  
 <212> DNA  
 <213> Homo sapiens

<400> 1384						
aagctacttc	atagagctga	cattctaggg	agaagataga	catggcagat	ttaattatac	60
acatatcttt	ttcactgtat	tagatttttt	cagattataa	aattatagta	ataaaatagc	120
aatatcaaat	attactgaaa	tacataacat	aggaaaaaat	atgccctgtc	aattcatcct	180
ccctccccag	acgtagccac	tgtcaaccag	tttgtgcacg	tttttgtaac	ttttaaaaaat	240
atacatgcaa	tgtatttttta	aagcataaaa	ggggaatcat	acacgtctga	attttgtttt	300
ttagcttcat	atatctggga	tatcctctca	catgaacaca	aggaaatcta	cctcattctt	360
tttaatgtct	gaataatatt	tcatgctatg	gatgtattat	agtttatttg	actaatatct	420
tgttg						425

<210> 1385  
 <211> 388  
 <212> DNA  
 <213> Homo sapiens

<400> 1385						
agaatactag	gtattaagta	aatattgttt	gagtagataa	aagacattag	tgtaagcaa	60
taaccctaca	ttcttaaaaa	agagagagtt	ttattaaatt	gctagggaact	taaaattttt	120
ggatctcaca	ttccaaatgc	ataacacaag	attttgcttt	cagtgtgtat	cactcaaaat	180
taagctagta	acaggtaaac	tagctatggt	ccctattctt	atttcttgga	tatgaggaga	240
ggaaacacat	gcagcaggaa	agaaaaaggt	gactaacaat	tactaaattt	cgagagtaaa	300
ttggattggt	ttgctctgtg	caactataaa	atggtgatta	acaaacaggt	gctaaatggt	360
aatgaagtat	atgagattaa	aaataaac				388

<210> 1386  
 <211> 388  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(388)  
 <223> n = A,T,C or G

<400> 1386						
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actaattgta	agtactttac	aagtaagaac	ttgatttaaa	aacttagcat	tcaaaaaaaa	120
aaaacctttt	tttacagctt	attgaattct	ctgggttttt	tctaaccagg	taatatattg	180
agttgcacct	aaaaaactaa	ggtttcttaa	tctaattggc	ttaaattaat	cctttaagcc	240
aaattcacca	tttttttggt	aacctttttg	ccaaaggcca	ggtttttcaa	agaagggaaa	300
aacccacccc	ttgaaccttc	atcattggcg	gttttcggcg	ccaaacccat	attatccttg	360
tgtttaagaa	ccaggacctat	tattttccn				388

<210> 1387  
 <211> 421  
 <212> DNA  
 <213> Homo sapiens

<400> 1387							
ccatcgattc	gaattcggca	cgaggttgcc	atactcttgc	atacacaatc	ggttatctag		60
tttttgattg	tttgtgtgta	tgggtgtgtgc	tgtctctctg	accagatttc	aggttcctga		120
ggcgagcctg	cagctcatac	tgctcatctg	tcctctcctg	tgggtgggtgc	tcagggcctc		180
tactgttag	ttactccctc	ctttctgccc	agttctgcac	tcaactagta	gaagcagcca		240
tcctttcccc	aagcagga	tagtagtggt	cgcccttaag	agcagtgtga	gggcagaaga		300
ttaagggagg	ggaagagtcc	ctggaactgg	aagaaggtaa	atactttgcc	ttgagagggc		360
gccgaatcat	tttaccacaa	tagtaaatgg	aaaaagtgtc	aaaggttggg	actacgttta		420
g							421

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<210> 1388
<211> 415
<212> DNA
<213> Homo sapiens
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<400>	1388						
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cactaaactac	gttgtttaat	gcccaaaaat	taccatgatt	tccatcatag	tttaagtact		120
cagtttcatt	attgttggtc	tcaaaattcag	agatgaatag	gaatgatgga	taggatttat		180
ttaagtatat	atcttaggta	tacattttatt	tagtgccgggc	tgattaaatgt	gaaagttaag		240
gtataaaaac	tagagacaac	tttcagggaa	aaaaaaaaaga	tctcttatta	aatgitttag		300
aagtagggat	tcccattcta	tattgaaaaat	aacataattt	caccacttgg	ttattataat		360
tttttgtgaat	tccgttaaca	tttattaaaa	caaatgtgtg	tggtctgaca	aaaag		415

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<210> 1389
<211> 417
<212> DNA
<213> Homo sapiens
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<400>	1389						
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cctgattcct	cgccagtgtt	gctaccgcc	ttggctcttc	ttgcatggct	ggctcttgag		120
accctcgaa	gctgatggag	gcaacgtgag	aagcacatgg	acatccgacc	ttgagcttga		180
gaggcagagg	cctgagttct	agttacagcc	ccagcagtac	cagttgtgtg	gactgggagg		240
gaggctatca	cgtacatact	ccaagcctcc	aagcctgttt	ccctcttga	cacaggatct		300
tttgtggctg	gtatagagtg	ggcactcaat	aaatgctgtc	tgtcgtctgg	ctggatgcct		360
catgggcctg	agaattgaat	agaattacag	tgatagaagc	atgctggtat	tgaagtg		417

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<210> 1390
<211> 203
<212> DNA
<213> Homo sapiens
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<400> 1390							
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aaaattttaag	ggggcggttt	tttttggggg	ccccaaagatg	ggaatatcct	ttggggggggt		120
ggggcccacc	ccccaaactga	gggtgggggaa	aaaaagggtt	ttttttgaaa	attcggggggg		180
cttctgtttt	tttttagacc	att					203

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<210> 1391
<211> 411
<212> DNA
<213> Homo sapiens
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<400> 1391
cgttgctgtc gaaaaaagaa ccccggtgtg tgtaaatcaa ggaaaaatgt tgggtaacag      60
actatgactt gactttgtgc ttatatcatg attgtattta attttattat aagttggtta      120
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aatattttgag	acttttgggga	aattaaactt	gtcaagctgt	caacttatca	gtttggattt	180
atggtttcct	atttcatttt	gtagatattg	aaaatacatg	tcaatatctg	tgtattttcat	240
gtcaaggaag	ctgtgtattg	gtatcaggat	tgagggaata	catgatcaac	aaatactttt	300
ccaagtttca	gtgtcacaga	ttgcataatg	catgataata	catcacattc	atttccctca	360
agtttgtttt	tttttttgac	agggagttaa	caaaaaatgt	gcaaattggc	a	411

<210> 1392  
 <211> 383  
 <212> DNA  
 <213> Homo sapiens

<400> 1392	
attcacccat	ccacccatct
atccacccat	tcatccatcc
acttgccac	ccacccattc
ttcatccatg	aagattttata
acctaattct	aattcttttc
tttttgttta	ttctttggca
atgagaaaga	gatgattcag
	ctg
	60
	120
	180
	240
	300
	360
	383

<210> 1393  
 <211> 407  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(407)  
 <223> n = A,T,C or G

<400> 1393	
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cagcagcgta	aacgtgataa
gggatagaaa	ataccatcac
ggttccaaga	agaataaagg
ggaaaaggag	attctacact
	tcaggtttct
	tcaggattga
	atgaaan
	60
	120
	180
	240
	300
	360
	407

<210> 1394  
 <211> 237  
 <212> DNA  
 <213> Homo sapiens

<400> 1394	
atttacgtgc	catgatttta
tgctgattat	tgaaatctag
ctctgatcac	ttacaagcca
tgtggggggg	cgggtttttg
	ggtaattccg
	gaaagagaga
	aaacttttgg
	agggtga
	60
	120
	180
	237

<210> 1395  
 <211> 376  
 <212> DNA  
 <213> Homo sapiens

<400> 1395	
ctccatatat	atatatcaat
	acatttttcta
	agggttgaaa
	ctaagttttc
	actgacattt
	60

atataaataa	cctaaaatct	tggcactagg	attatattaca	aaggtaaaac	ctgaattaca	120
aatatttggc	aaggagaaaa	ttatactttc	tgtctttctt	cccaaataca	aatcatcttc	180
tatggggcgg	catccccacc	tcagctgtgt	gaacgggtgg	cccagaaaaa	ataaggtcaa	240
aaaaaattaa	aaaaaaataa	tcttctggcc	gggagcaatg	gctcaatgcc	tgtaatcca	300
gcactttggg	aggctgaggc	gggcggatta	cctgagggtca	ggagtttgag	accagtctgg	360
ccaacatggg	gaaacc					376

<210> 1396

<211> 158

<212> DNA

<213> Homo sapiens

<400> 1396

tttttattat	ctcctttcta	cttttttggc	ttactttttg	ttctttttct	caccttcctg	60
cttggatgat	taattaattt	ttattaattc	ttttagtcct	atTTTTTTTc	agtgattaag	120
gccatgaatt	ttctgtgtg	caaactatat	cctgagac			158

<210> 1397

<211> 406

<212> DNA

<213> Homo sapiens

<400> 1397

ggcacgagag	gaggcaagtc	aatctttttt	atttccttat	aaaattaact	cttcaaaagc	60
tgttaaacag	agagttatct	taatttttat	tgcagtagga	ggaaatatat	ttaaaatatt	120
tgtagattta	tagcaaatag	agactcgta	tttaaagggt	aaataacaat	ttgttctttt	180
gttgtttttg	ccagtttagg	gcagtagctg	cttttgatcat	aaatatcttc	ctaccacatc	240
aaaaatgctg	cttttaaaat	ttttgtttat	aaattgagaa	ggaattttct	ctctataagt	300
ttctgtcatt	gaacagatca	ccattaaaaa	gaatattaga	atccagcatg	aagataatgg	360
ctaataaaaa	tgagggtacat	actttataaa	accattaatc	agattt		406

<210> 1398

<211> 374

<212> DNA

<213> Homo sapiens

<400> 1398

accaccacgc	ttcaattcaa	tctaaatcaa	ttcaacaaat	ctgtgctgaa	agtataacat	60
ttagttttct	tagacaccaa	atgaacaata	caaaatccct	caagggactt	agaacattca	120
agttttctat	atctgtgggt	ctaagtctgt	taccaacttc	caggactctg	cttctttccc	180
tctgcccatt	aacaatgcgg	tgttaaaaag	gacttcctac	cactatgttt	cttacagctg	240
attcaaccac	tcatctcata	gccaggcatg	aaagaaagga	gcataccctc	aaccgagaac	300
tatttttttag	atggtagtca	tatatattat	tcatatttag	taagtattat	ttcagggtctt	360
attaattaaa	ggaa					374

<210> 1399

<211> 402

<212> DNA

<213> Homo sapiens

<400> 1399

cgttgctgtc	ggccaattca	gggtctcaag	aaagaacagc	ccacaggatt	gacactgaac	60
cttaacaaaag	ttaacaggac	caagctgcag	agagggtgct	aggacagcga	agccaaagag	120
gacccctcaa	acccaacaag	agctgtgcgg	ctccctgatt	cctcgccagt	gttgctaccg	180
cccttggtct	ttcttgcatg	gctggctctt	gagaccctcg	gaagctgatg	gaggcaacgt	240
gagaagcaca	tggacatccg	accttgagct	tgagaggcag	aggcctgagt	tctagttaca	300
gccccagcag	taccagttgt	gtggactggg	agggaggcta	tcacgtacat	actccaagcc	360

tcceaagcctg tttcccccttc tgacacagga tcttttgtgg ct

402

<210> 1400

<211> 399

<212> DNA

<213> Homo sapiens

<400> 1400

ggcacgagcc	ttcgctaccc	tgtctgcacg	tcccagcacc	caggtaccca	gcacaggtct	60
ggcgagaggg	tagagatggg	ggacctcagc	cagaagtggg	ccccactgca	gcccacactt	120
ctctttacag	ccgaggccag	actcttgggg	tgaggacaac	tgggagggcc	tcgagactga	180
cagtcgtaag	tgcttcccct	gggtgggctg	aagactaggg	ctccccgact	agcccgcgcc	240
tacaggcccc	cggcaggcac	tggctggaga	gctgagaccg	gggctcccct	tcctgacgcc	300
aggacaggtc	aaggctgagc	tggcccggaa	gaagcgcgag	gagcggcggc	gggagatgga	360
ggccaaacgc	gccgagagga	aagtgggcaa	gggccccag			399

<210> 1401

<211> 403

<212> DNA

<213> Homo sapiens

<400> 1401

catcattcgc	gcggccgcga	attcttccga	cagcaacggg	tccttactaa	aagaaataat	60
caggaataaaa	aaaaagaaat	aacattgttg	gggagaagag	aagggaatta	acattttataa	120
tacttttctt	gcttatttct	agtgttttca	aatttccctgt	ggagagcaaa	atacttctac	180
attaaaaaag	cttttattgt	ctttgttgaa	aataagatac	aagaagtaga	ctttaatttg	240
aaaaaatata	atgtagttaa	ttagattaaa	atgtttatgt	atgaggaaaa	taggccccagc	300
atggtggctc	atgcctgtaa	tcataacgct	ttgggaggcc	aaggcaagag	gattgcctga	360
gcccaggagt	tcaagaccag	tctaggcaat	gtggcaaaat	cct		403

<210> 1402

<211> 377

<212> DNA

<213> Homo sapiens

<400> 1402

aggagacaag	ggtacagact	gtgagtctag	tcagaagtga	tgcacatggc	tcagtggatt	60
taggcaagtc	atttcagtg	ttgtacaatg	ggaatagtaa	tataatacat	acttctgaga	120
attatataaaa	aaatgtatgt	aagatacctg	tgatcatttc	tctttacccc	taactatact	180
ataagtttct	gagagagagg	gaaaaaaaaa	cataccttat	acatatcttt	atattcctat	240
tggggcttaa	atactttgca	cagtgtgtga	ttaataaata	catgtgcata	agtgtgaagca	300
tgtgtcagca	tgtgtgtgtc	agcatgtaag	tgtgtgtgtg	ttcagaagat	ttaggtgtct	360
tagaatagag	ctgataa					377

<210> 1403

<211> 402

<212> DNA

<213> Homo sapiens

<400> 1403

cgttgctgtc	gtagcgcgcg	aggccctcgg	tcggacggga	cgctcgggat	tcagggactg	60
cctcggcaca	cggaagtgtg	ccctacaggc	gcgggagaaa	gcgcaggcgg	cggcttagca	120
gggagaggca	ggctgcagt	cacattgggt	caggcacacg	cgaggggcag	cccccgaggg	180
ccgtcccaga	gtcccccgcg	ccgcgggggt	cctaacgggg	tgcaccgtct	tccgccgcac	240
gtggattcag	cgcgatgcc	aaatccaagc	gcgacaagaa	agtctcctta	accaaaactg	300
ccaagaaagg	cttgaatttg	aaacaaaacc	tgatagaaga	gcttcggaaa	tgtgtggaca	360
cctacaagta	ccttttcac	ttctctgtgg	ccaacatgag	ga		402

<210> 1404  
 <211> 406  
 <212> DNA  
 <213> Homo sapiens

<400> 1404  
 ggcacgagcc tcttcgaagc ccatgttatt gaccgactga agctgctggg gctgtacagg 60  
 ggagaggatg atgagctgct acagcgggca gctgccgggg gcttgcccat gcttacctcc 120  
 atgcggccca cgctctgcag ccgcattccc caagtgacca cacctggct ggagatcctg 180  
 caggccctgc ttctgagctc caaccaggag ctgcagcacc ggggtgctgt ggtgggtgctg 240  
 aacatgggtg aggcctcgag ggagattgcc agcacctga aggagagcga gatgatggag 300  
 atcttgctcag tgctagctaa aggtgaccac agccctggtc caagggctgc tgcagcctgc 360  
 ctggacaaag cagaggaata tgggcttacc caaccaccc aagaag 406

<210> 1405  
 <211> 363  
 <212> DNA  
 <213> Homo sapiens

<400> 1405  
 gcaacaccct tctgatgaca tttcccatta acctcagaac ctattgcaag agtatatacc 60  
 tctgttaaac aagcagaata tcaaccaaag agcaataaag gaagattagg ttgaaaaagt 120  
 gcacatcagc ctcccttgga actctgaaat gtagatttta tggaaaaaat aacagctatt 180  
 tttaaaaaaa taatttttgg ttcgagcaag taaaaaatat ttatctctta gtatattaaa 240  
 ttacagattg aatatggcat ggtagtctg tgaattctca cagtattata agtttatgaa 300  
 atagactctt ctcaagaatt aaaatagaag ttctatgggc caggcaaggg ggctcacccc 360  
 tgg 363

<210> 1406  
 <211> 370  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(370)  
 <223> n = A,T,C or G

<400> 1406  
 ataacaacag taataaggaa aacaatataa caataacaat tctaaaactt catattgtcc 60  
 atgggtctgt atctctctgt gcttatgcag ccatattgtc aaaaaatata tatgctgtct 120  
 ctaatttatg catcatatat tttttaaatt atcgtagtta attttgtacc taagaagtaa 180  
 acctaatcgt taagttttaa agacaacagc aaaggagatc ttttaaatat tcattttact 240  
 ggaactttat tgatcatttg acatttttgc agatttcctc cttgaaatcc ttttatttaa 300  
 atgatattaa ttattggctt ctttttgatt gctttntaat gacttttagat tatattctta 360  
 agaactttta 370

<210> 1407  
 <211> 316  
 <212> DNA  
 <213> Homo sapiens

<400> 1407  
 cattggttct accaagcata agcaaataca acaactcatt gagagaatgt catcagccaa 60  
 taaaataaga aactgctccc aggccttgaa tcagcttatt aaaattgacc tctgggacta 120  
 gcttctccta atacataaaa ttataaaaaa gacttagaca cagaacctca agtctgttct 180



accaggaaat	tttacacaag	tattccagaa	atcaaccaat	cattctaacc	cattagtggt	240
attcagtaag	attgaaagta	ttcaataaaa	tcagaacaaa	atgtctcata	caagatttcc	300
tggcagggca	tggtgg					316

<210> 1408  
 <211> 369  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(369)  
 <223> n = A,T,C or G

<400> 1408						
gatatttttc	ttctgttttt	agtatggcag	tatacaaaaa	tgtatatatt	gattttttat	60
gataaaaatt	tgatcacaca	aaattaataa	tatttgtacc	atcaaattgt	cttacttcta	120
ataacagaaa	gaagtgtctt	ttgaattact	agaatacttt	tatttttgag	cgcttaaaaa	180
ttttttcaac	atttatactg	aacgcttcat	ttgcttattg	cattgcatca	gctaaaatct	240
ccaaaaatat	tgttgaataa	tactgaggat	ggcagatatc	aatctttttc	tgacagcaat	300
gaaaattcgg	attgcattat	aaactatggt	tgctcctagt	tntgcggcaa	aatgtattta	360
tcaattttc						369

<210> 1409  
 <211> 398  
 <212> DNA  
 <213> Homo sapiens

<400> 1409						
cggtgctgtc	ggtgcatgcc	tgtaatccca	gctacttggg	aggctgaggc	atgaacatcg	60
cttgaacctg	ggaggcagag	ggtgcagtga	gccaaagattg	caccgctgca	ctctagccta	120
ggtgacggag	tgagattgtg	tctccaaaaa	aaaaaatttt	ttctttgcga	ctgtattcct	180
aattttatct	acatacataa	ttcacttgcc	actcttgact	gtcttactta	ttctgtttgc	240
aaattcatgt	catggtttat	gtatcacagt	gcagtgccat	gagtttttta	gacaaaggat	300
tagtggataa	gccaaagagac	ctataccctt	cactatatag	gatgcagggtg	tttcaaattgc	360
tggttgtaag	tggtaggcat	ggtggctcac	acctgtag			398

<210> 1410  
 <211> 371  
 <212> DNA  
 <213> Homo sapiens

<400> 1410						
aggtagatac	cacttttttc	acaattacta	aaagccaggc	aaattactag	tattttacat	60
catcataact	cattaatccc	tcacaaagtc	ctataaat	agtaatgaaa	ttaaaatccc	120
ctgggagtc	gaaacatccc	atgtgtgaga	aatacacttt	tcaattttatg	ccaacccaaa	180
gcagaataaa	atttttaattt	atgaattttt	aagatgagaa	aagtggggct	tagcaatgct	240
aactaatatg	tgcaagtttg	tgcaagttata	aggaatctga	ttcataatca	cttttctcca	300
ttgcctccac	ggattaaaaa	ggtgttccca	gccctgcagt	ttttcttaca	gagctcagtt	360
ccttaactac	c					371

<210> 1411  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(396)  
 <223> n = A,T,C or G

<400> 1411  
 ggcacgagga tcagtcaagg atgacgtgag ggtttgctgg gagcaccagg aatcctggag 60  
 aaggtagtgg caagaggggtg cagcaagctc agctgggcgg ggatcaagtc tgaggactta 120  
 atgtctcctc tgatctccag acccataagg gagatgctga gtagacaact ggggcttatg 180  
 ggtctggagt tcagaggaga gatcgggaag gtgtccattt ggagtcatcc acgcagagat 240  
 gtgtgaaggc tgctcaatga ttttgagggt taaagaaaaa aagagatgtg aaaccagggg 300  
 ccctgatgag gctgcccagg tggtaaggaa gacagaagag aagccatggg acagctgagc 360  
 ccgggcaccc tcaagccttg gaggcataaa gtttgn 396

<210> 1412  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 1412  
 cggttgctgc ggcgggtgctg tgtcctgcag gaagagcggg atgcagctcg ggctgggcaa 60  
 ctgagttagc atcgagagtt ggagactcct cgggctgccc tagaagaaga acggcagacc 120  
 tgggcccagc aagagcacca gcttaaggaa cactaccagg cgctgcagga ggagagccag 180  
 gctcagttgg aaagggagaa ggagaagagc cagagggaa cccaggccgc ctgggagacc 240  
 cagcaccagt tggcattggg gcagtctgag gtgcggcggc tggaaggaga gctggatata 300  
 gctcggagag agagagatgc cctgcagctg gaaatgagct tgggtgcaggc ccggtatgaa 360  
 agccagcggg tccagctgga gtcggagctg gctgtg 396

<210> 1413  
 <211> 395  
 <212> DNA  
 <213> Homo sapiens

<400> 1413  
 cggcggccta cgggtgctgag atgacgacag aaggggatta aattcctttg ttcataactca 60  
 taaatagcac taaagtgtta taacattttc atttacctat ttttagttcc ttcattttta 120  
 cttaataaaa atcttggaat gatattcttt gttttttttt ttttttttgg gggagggggg 180  
 ttgttttttt accccggggg ggatgacggg ggtttttttt tggtttcttg gaaaccccc 240  
 cccccgggtt aacctctttt tcctgggttt acctgccaag ggggggggaa cggggggccc 300  
 ccccccccc cgggggaaat tttttgggtt ttttaagaaag aaaggggggtc tcccccttgg 360  
 tcccaggggg ggtataatct tctgcccctt ggaac 395

<210> 1414  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 1414  
 tcgatctgaa gtccgagctg aagcggcgga acttagacat caccggagtc aagaccgtgc 60  
 tcatctcccg actcaagcag gctattgaag aggaaggagg cgatccagat aatattgaat 120  
 taactgtttc aactgatact ccaaacaaga aaccaactaa aggcaaagg aaaaaacatg 180  
 aagcagatga gttgagtggg gatgcttctg tggaagatga tgctttttatc aaggactgtg 240  
 aattggagaa tcaagaggca catgagcaag atggaaatga tgaactaaag gactctgaag 300  
 aatttggtga aaatgaagaa gaaaatgtgc attccaagga gttactctct gcagaagaaa 360  
 acaagagagc tcatgaatta atagaggcag aaggag 396

<210> 1415  
 <211> 393

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(393)  
<223> n = A,T,C or G

<400> 1415  
cggttgctgtc ggacgccggt gcagtctcga accatccctc tgttcacgcg aaacaaagat 60  
gtcgtctgcag aagcggccac aggtagcggc aaaacactcg cttttgtcat ccccatcctg 120  
gaaattcttc tgagacgaga agagaagcta aaaaagagtc aggttggagc cataatcatc 180  
acccccactc gagagctggc cattcaaata gacgaggtcc tgtcgcattt cacgaagcac 240  
ttccccgagt tcagccagat tctttggatc ggaggcagga atcctggaga agatggtgag 300  
aggttttaagc atcaaggtgg gaacatcatt gtggccactc caggccgctt ggaggacatg 360  
ttccggagga aggccgaagg cttggatctg gcn 393

<210> 1416  
<211> 369  
<212> DNA  
<213> Homo sapiens

<400> 1416  
gaaataaatc agcgcttcaa agacaaactt ccagtgccca ttccaatcga attcattatg 60  
accgtgattg cagcaggtgt atcctacggc tgtgacttta aaaacaggtt taaagtggct 120  
gtgggtgggg acatgaatcc tggatttcag cccctatta cacctgacgt ggagactttc 180  
caaaacaccg taggagattg cttcggcatc gcaatgggtg catttgcagt ggcccttttca 240  
gttgccagcg tctattccct caaatacgat tatccacttg atggcaatca ggagttaata 300  
gccttgggac tgggtaacat agtctgtgga gtattcagag gatttgctgg gagtactgcc 360  
ctctccaag 369

<210> 1417  
<211> 358  
<212> DNA  
<213> Homo sapiens

<400> 1417  
ggatttcacc atggtggcca ggctgggtctc caactcctgg cctccaatga tctcctgcc 60  
tcagcctccc aaagtgtctg gattataggc atgagccacc gtgccagct gctaactaga 120  
aatgtaagt gcacagagt gtagtgctgg taataattct agagtataaa aacaatttaa 180  
aattttttgg agaatttgtt ttccagattt gaaaagaaaa ggggaatgat acacatatct 240  
gcttaaaaca atgatacagg aaagggtttt tttaaaacag gctaaaaatt ttgccttcct 300  
ttctaattct aaagatgatg gaaatgaaga ccattatgtg ggccagggcg gtgggtca 358

<210> 1418  
<211> 175  
<212> DNA  
<213> Homo sapiens

<400> 1418  
cactgctttg taagactttt cttatTTTTT catatgtaca tttgactttt ccagctaggc 60  
tgtaagttcc ctaagggcag ggtgcatatt ttccatatgt tttggcacct atactaagcc 120  
tggttatata gtaagcaatt aataatattt gtaaggtctg ggtgtggtgg cttat 175

<210> 1419  
<211> 172  
<212> DNA

<213> Homo sapiens

<400> 1419

tgtgtcatgg	gaagaagttg	aagggtttta	gttagggaga	gtcataataa	aggttgagct	60
ttaacaatgt	cattcttgag	gaataccagg	taaacttaca	gacagacac	ttaatttatt	120
tctacttgct	ccgaaaactc	cactgacatg	agcatagaga	gtcaaataaa	gg	172

<210> 1420

<211> 172

<212> DNA

<213> Homo sapiens

<400> 1420

ggaacctgaa	atgagaaaag	ggtagtgaag	gaagacttga	tgtccttcat	aactggcctg	60
catcctgccc	agccctcct	ttctttccag	aagcccacca	gtggcccaga	gtggaagggt	120
gggagtcaga	ccagtccaag	gttgctaatt	aagactggac	tgccaggcac	gg	172

<210> 1421

<211> 386

<212> DNA

<213> Homo sapiens

<400> 1421

cgttgctgtc	gtggagtga	agtttccgcc	caccctcag	cagtgcctgg	gctcacctct	60
ccaccacact	ccccacacag	ccagaggcag	gcctcagcc	gcaatcagta	acattcagtg	120
aggacatgtg	tttatcatgt	gttggtgggtg	ggtagcagta	gttctctatt	caggtaggag	180
tggaagctgg	ctcagggtc	atccagttca	atgtcccaca	ggtatagaag	tgccctgata	240
aaatctcaga	gctggctgtc	cagtcaagat	ttgcatacct	ccagaaatgg	ggctcttact	300
acccctcaca	gtagccatt	ctactgttgg	gcacctccaa	tggtcagcat	tttctttccg	360
gcagcctctt	tcttgggtg	ggggggg				386

<210> 1422

<211> 278

<212> DNA

<213> Homo sapiens

<400> 1422

gaaatatcag	cctaaacgta	gtttatgttt	aggaagcaac	aaccgtaaat	agtccacat	60
ccaaacggag	tggatttagg	tttacttttt	tcaaggaaaa	accatcaaag	aatttttcca	120
catacttata	aaccatccca	cgtatagaat	ccattttttac	tgacacaaat	ttagtaccac	180
taaacgactc	ttcttctcaa	tttgttttat	ttaacaataa	gtcttgaacg	tcattcccag	240
ttaacatttt	gaagagtttc	ctctcttttc	ttctgttt			278

<210> 1423

<211> 385

<212> DNA

<213> Homo sapiens

<400> 1423

cgttgctgtc	gctggaaagt	gggataatac	tttttacctc	atggacttgt	caggaggatt	60
cattaaaacg	actcgcataa	agcctatgcc	acatggtaga	tgccaattca	gggtctcaag	120
aaagaacagc	ccacaggatt	gacactgaac	cttaacaaaag	ttaacaggac	caagctgcag	180
agagggtgct	aggacagcga	agccaaagag	gacccctcaa	acccaacaag	agctgtgcgg	240
ctccctgatt	cctcgccagt	gttgctaccg	cccttggtct	ttcttgcatg	gctggctctt	300
gagacccttg	gaagctgatg	gaggcaacgt	gagaagcaca	tggaacatccg	accttgagct	360
tgagaggcag	aggcctgagt	tctaa				385

<210> 1424  
 <211> 363  
 <212> DNA  
 <213> Homo sapiens

<400> 1424  
 ggtttgaaaa gtctgttcta atttcatttc gatgtgactt agagaaaaat actccccgt 60  
 gcctcatgcc cacactctgg gcagtgccac ccgcagctcg gcaattgcca ccttccttgc 120  
 tgtgggtttcc cagccttggg ccctgcccag acattggtct gaggtgcct ggtgctcttc 180  
 cccaccaccc tggggggcca ggtttctctt cccctgcag atccagaggc gtaaaactac 240  
 atttggtaac ctggtttgtc atgaaagtgg acatttgact ttttcttaaa aatgtttggg 300  
 ttatggctgg gtgcggcggc tcacgcctgt aatcccagca ctttgggagg ctgaggcagg 360  
 cgg 363

<210> 1425  
 <211> 359  
 <212> DNA  
 <213> Homo sapiens

<400> 1425  
 tataaccatt tctctcaca attatactag agaacttagc caagctaatc aaaaaataac 60  
 aagaaattgt aggttataaa atggaataag gaaataaaac tggcattact tgcagagaaa 120  
 atgactacat gttttgagaa ccccaaaatc tgcagataaa ctgttagaat tgacaaggct 180  
 atttagcttc ctatgaagtt gatatacaaa tatcaattgt ttgttaacat aagagcaata 240  
 aagaaacaaa gtgaaaatta ttaaaaggca ccattcaca cattatacac aaaatcaaat 300  
 aattgtaaca atgtaagaaa tcaacagaca catacacaaa aaataattat taagataag 359

<210> 1426  
 <211> 332  
 <212> DNA  
 <213> Homo sapiens

<400> 1426  
 tccatagcgc ccattggctcc accaccagtc aaaggtagtg gggccagcag tggactcctg 60  
 tgtggttcag ctctcaaaaa tgtgaactga aagacacaga aaaagacttg tgtttgggga 120  
 taaatactga gactgagcag tcttgtggat tcaggaattg ggcattccagt tgggaccctt 180  
 tgcaagaagg gtgttaggga gcacagagca tgagtaagcc ggaagcagag caggagagag 240  
 aatggagcat gtgtgcaaag agggcggtga gatgctgaga gtaatggggc tggcccaaga 300  
 tgaagtgaga ggaagcaaa tgagacagag gg 332

<210> 1427  
 <211> 330  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(330)  
 <223> n = A,T,C or G

<400> 1427  
 caaagcttac tactcttagt gaatttgagc tttcctccct tctcaacgct tatgggtttgt 60  
 ataagtacca tgaagagtca tgggaatttt gttcctttta tttatgagat atatattcaa 120  
 tataatattca tcttgcacat gtatatacat cctacttgca gatttaacct tgacttgaaa 180  
 tttgaaatat ttaggaagaa gaaaggaaac gtcaagagga aatagaacgc cagcgtcgag 240  
 aaagaagata tattttgcct gatgaaccgg ccatcattgg acattcaaat tggggctgca 300  
 aaaaagggcc cggatatgaac tgaaacatcn 330

<210> 1428  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<400> 1428  
 cggttgctgtc gaccggagtc aagaccgtgc tcatctcccg actcaagcag gctattgaag 60  
 aggaaggagg cgatccagat aatattgaat taactgtttc aactgatact ccaaacaaga 120  
 aaccaactaa aggcaaaggt aaaaaacatg aagcagatga gttgagtgga gatgcttctg 180  
 tggaagatga tgcttttatc aaggactgtg aattggagaa tcaagaggca catgagcaag 240  
 atggaaatga tgaactaaag gactctgaag aatttggtga aaatgaagaa gaaaatgtgc 300  
 attccaagga gttactctct gcagaagaaa acaagagagc tcatgaatta atagaggcag 360  
 aaggaataga agatatagaa aaagag 386

<210> 1429  
 <211> 387  
 <212> DNA  
 <213> Homo sapiens

<400> 1429  
 cggttgctgtc ggagatcctg tgtacaacag caattggagc tctaaaatta aacatcgggg 60  
 acctacaggt tacaaggaa acaattgaag atgttgaaga aatgctcaac aaccttcctg 120  
 gtgtgacatc ggttcacagt cgtttctatg atctctccag taaatactat caaacaatcg 180  
 gaaaccacgc gtcctactac aaagatgctc tgcggttttt gggctgtgtt gacatcaagg 240  
 atctaccagt gtctgagcag caggagagag ccttcacgct ggggctagca ggacttctcg 300  
 gcgagggagt ttttaacttt ggagaactcc tcatgcaccc tgtgctggag tccctgagga 360  
 atactgaccg gcagtggctg attgact 387

<210> 1430  
 <211> 352  
 <212> DNA  
 <213> Homo sapiens

<400> 1430  
 gttgagaagc tgggaatggt ggtggaacct aaaagacttc caactctgag gaaattgtgg 60  
 tagaaatgga agcagtataa cctatgattg aacttaaccg atgtaggatga ttgagattgt 120  
 atttgcagag acaatgctta aagaaataaa agaaaccag acataaaaaac tgaagcttta 180  
 atggagatac ataaatacat aggaccttgg aaaacaaatg aagtaatata actgcatata 240  
 atttgtttac atatataaaa cataggaaaa tggaaataca gtgtattctt aagtgtacat 300  
 ttgtgtgtgc gaaattttatt gagtgtcttt actttacata aaccgcggaa ag 352

<210> 1431  
 <211> 350  
 <212> DNA  
 <213> Homo sapiens

<400> 1431  
 aagtcggcag agcaaggact tgaagtaagc tggaggtaag ctggagtgtg aagtgtgaaa 60  
 tgaactgtat gtgccccttg caaggggtgag cagccacagt gccagctgat gttaccttgt 120  
 cagaatgtag cttcagatatt gctatggctt tgtttttctt tcaacttgca aatgctgata 180  
 actaatacaa aatttttaac tgttgtctgc aaacatagtc ttggtccaaa agctccttca 240  
 gctgataagc aacttcagca aagtctcagg atataaaatc aatgtgcaaa aataagtagc 300  
 attcctacac accaacaaca gtcaagttga gagccaaatc aggaatgcaa 350

<210> 1432  
 <211> 351

<212> DNA  
<213> Homo sapiens

<400> 1432  
ttaatgttca aacaacccat agagtggcta tcattactca gatTTTTatct tagagaaatc 60  
aaagctctaa taattcaggc tacttttgaa aatttattca tcttcttatg actagaaaca 120  
aatatttcaa gcccaaaaga taaagattta aagtaaaaga agtcttaaag aagaggcagc 180  
acaatacagt gctgtagtaa ccttttgtga gcatcagact caccagtgga gcttctgaa 240  
aatcacatgc ccagctctca caacttgggg agactgtgat tcattagatc tggagtgatg 300  
tcttgcgtat actgatgtag tgaaaagaat atgagctttg cattcccagt t 351

<210> 1433  
<211> 351  
<212> DNA  
<213> Homo sapiens

<400> 1433  
atgtggaaat tacaaatgca tcaaagtatt ctaactagt tttagaaatc taaaaatgaa 60  
aatattttgc aattatgaag caaagatgac tgacttcaac aaaattgcat gctttcaaag 120  
ttcacaaaag tatcaagttt tgactatgca aatgcaagaa gcactaagag taacgataag 180  
ctagcaccta tcagagaggt atttcaaact atttacagct aacaccagtc taatctttaa 240  
aaaaattaaa tataggtcag tcatgggtgac tcacacctgt aatcccagca cttcatgagc 300  
ccaaggcagg aggatcactt gagcccatga gttcaagacc agcctgggca a 351

<210> 1434  
<211> 378  
<212> DNA  
<213> Homo sapiens

<400> 1434  
cggttgcgtc gggaactgcg ggtgtgtgtg tgtatgtgtg tgtgtatgtg tgtgcgcgcg 60  
tgcggtgcgtg tgtgtgcgcg cgctagtgtg tggacaagga ggtgggggca gctgagttag 120  
agtcccaact cttggactcc atttgcatt ctcttcttcc tccccacac ctatctggtg 180  
gtggtagtgg gcgtttatat ttgcgttcct tttcattcat ttctaaatct cttaaaaatt 240  
ttgggttggg ggtattgggg aaggcaggaa agggaaaagg agagttagtag ctgaagagca 300  
agaggaggac atggagatga agaagaagat taacctggag ttaaggaaca gatcccccg 360  
ggaggtgaca gaggtagt 378

<210> 1435  
<211> 357  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (357)  
<223> n = A,T,C or G

<400> 1435  
cgggtaatat ttttagtaga tacagggttt tgccatgctg cctaagctgg tctcaaactc 60  
ctggactcaa gcaatccacc tgccccagcc tcccaaagtg ctgggggatac aggcatgagc 120  
cactgagccc ggcccttaaga catttttctt acgagggatt ttttagccct gagggaaatt 180  
tatcatgaaa gcaatagagt tcagagcaag aactctggaa tcagagctca gatttgattc 240  
tgataaaaac ctgaagagtt atataacctt ggagaagcta actgccattt tgaaccatag 300  
tttctctcag tgtgaaatgg gtttcatgtt aatatatata actcatggat tatagg 357

<210> 1436

<211> 351  
 <212> DNA  
 <213> Homo sapiens

<400> 1436  
 tattcaattt cctctgttaa tggttcctca agcataatct gagacctccc ccccaaccgc 60  
 caacagggcc tggagatcat aactatTTTT attataatgt ttatgcattt ttgtcttttt 120  
 catttgctg acatttgtga agaggaaaac ggctgggtcc ttaccacgag tcaaaggcat 180  
 agcagaaaat tgttttacta gtcattggtat tttttttttt tttttactac tatccactca 240  
 caaaaaaaaa aaatttttagt tccactgaaa aatacttttg gggaacaccc aaaaattttt 300  
 atttttatta aatcttgccc ctggggcact ttaaaaaaat aaattttttg g 351

<210> 1437  
 <211> 352  
 <212> DNA  
 <213> Homo sapiens

<400> 1437  
 gaataaatgt gttgaaattt gtcttttattc acgagatcat tagaggctaa gtcattggcaa 60  
 cactgttagt tcaattcaat tttttttgtg taaaattttg ttgagctgca tccatccgca 120  
 tatgtaacac taatttggtg acagcttctt tatactaagc cagaattaat ttgtcctcat 180  
 ggttttgttt taaatgtgtg agctgtatta tatcacattt gaacaagtaa tatagagaat 240  
 ataaatttag tttagagaaa gaaaagtaca ggcacactaa aaatgaatta ggatctggca 300  
 gctgacactg attaacaggt tgagcaaatt caactagacc taaatctctg tg 352

<210> 1438  
 <211> 353  
 <212> DNA  
 <213> Homo sapiens

<400> 1438  
 acccagtatg taaataccac ttcccactac aataaaaagag ggctcttctg agacaagttt 60  
 aattccagat ctagggaaga caatgtataa ggtgaggcag taaaatcatg tcttactaga 120  
 gaaaaacgat taagtgaaaa ggacaaaaac cactgggatt aagtgaaaag gacaaatacg 180  
 aaggagatg ctccactagg cccaaaatgg atcttttaat catcaataag aactgattaa 240  
 agttgattat agattaaaaa ataaaatcca ctggtaacca tggaaagata aggggtgaagt 300  
 ttcatattatt tgtacaagga ataaatggat ggcagaatta gaatatcact ggt 353

<210> 1439  
 <211> 350  
 <212> DNA  
 <213> Homo sapiens

<400> 1439  
 ataatacaat agcccagaac tggggccaag ccaattctcg tcattgacaa catattcggg 60  
 attgtccatg ggttttcata ctgaaacaca aagacaacaa aatttaagta aaatactatg 120  
 aattcactat ttgaataact atatacatat attagaaaaa tatacttcat caacttcagt 180  
 cagaagctac ataaacttta aatttagcac attaaattga attttaaaat ccattctgtt 240  
 ctttttacag atatctccct aaaatcttct ttcaagaata cagaagatgg ctgggcatga 300  
 tggctcacgc ctataatccc tgcactttca gaggctgagg cgggatgaac 350

<210> 1440  
 <211> 350  
 <212> DNA  
 <213> Homo sapiens

<220>



<221> misc\_feature  
 <222> (1)...(350)  
 <223> n = A,T,C or G

<400> 1440  
 gacagggctg aagaacacag gtcgctgcat ttagaaagga ggcgggggtca gaggaatana 60  
 aaggacacag gctgaagaac acaggctcgct gcatttagaa cggaggcggg gtcaaaggaa 120  
 tagaaaggga caggactgaa gaacagaggt cgctgcattt agaaaggagg cggggtcaga 180  
 ggaatagaat gggtcagggc tgaagaacac aggtcgctgc atttagaaag gaggcggagt 240  
 cacaggaata taaagggaca gggctgaaaa acacaggctg ctgcatttaa aaaggacgcg 300  
 gggacagagg aatagaaagg gacagggctg aagaacacag gtcgctgcat 350

<210> 1441  
 <211> 380  
 <212> DNA  
 <213> Homo sapiens

<400> 1441  
 cggtgctgtc gacctgtttt ttcttttttt ctcaacagct tatttcattt ttttttttta 60  
 attaaaagtt tactttttaca tgttttgaat gttggaatat tggcttatat ggggactttt 120  
 tggtttttatt aagggtttgcc aaattaataa caattttctt atttttaaag ggtctatcca 180  
 tgttagttca gctatcactg aagaccaaaa gaaaagtga aaaggcgac cgaacattgc 240  
 aaaaattgaa gacatcaaag ttttacaaga aaataatgaa ggactgagag catttttact 300  
 cactattgag aatgaactta aaaatgaaaa ggaagaaaaa gccgaattaa ataaacagat 360  
 tgttcatttt cagcaggaac 380

<210> 1442  
 <211> 355  
 <212> DNA  
 <213> Homo sapiens

<400> 1442  
 gtgccccacg aacgaaagtg tcttcccatc agtccctgca ctgggaccgg ggatcctggg 60  
 gtcccttggt cgagctcagg gtgtgcctca gccgctaagt gaaccccaag gggggctttg 120  
 ggcgcacaaa gcccatgagg ggaagggtgag ttttgagggg agaggtgagg cacctgtcac 180  
 agaaaaagaa agaaaaaacc cgcgccgtgg agaggtgggg cctgggtccc ccacggatga 240  
 aagtgccttc ccatcagccc ctgtgctggg taccggggaa cctgggggtc ctggtttgag 300  
 ctcatggaga gccttggggc actaagggtg ccccaacgcg gtggaaagcc catgg 355

<210> 1443  
 <211> 381  
 <212> DNA  
 <213> Homo sapiens

<400> 1443  
 ggcacgaggg gaagtgtgat gacgtcttgc ggctcctcat ggccgagctg ggcttgagga 60  
 tccccgccta tagcaggtgg caggatccca ttttctcact ggcgactccc ctgcgtgctg 120  
 gtgaagaagg cagccacagt cggaggtcgc tgtgcagaag cagagaggag gccccgcctg 180  
 gggaccgggg tgcaccgctt agctcggccc ccaccttagg gggttggttt ggcaggggct 240  
 gcacaaaacg cacaaaaagg aagaaagtga cgtaatcacg tgctcgatga agaacagttg 300  
 gcactttgca gatggccagt gtcacggtga aggtcgggtt gccccacggg gtctagggag 360  
 aacgaactct ttggggatga c 381

<210> 1444  
 <211> 347  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(347)  
 <223> n = A,T,C or G

<400> 1444  
 atagtctgtc acttaccatt gtttctgcaa gccaaagggca ttttttatga ttttacagtt 60  
 acctaattta tagtttataa tataggaaag ttcattttatt ctctaactat atgagcctta 120  
 aatatcttgg agattttttcc tatgatttgc cccagaaatt aaaagcaatt cagggggaat 180  
 gaagaatgaa atagagaaat aaaggaagtc tgaaaattca gaaaataaaa gtatagtttg 240  
 ggcaaagcaa ctctaacaat attatcatga gctatctatc tttttcaata acaataataa 300  
 ctcatggtaa agctctattt ttttctcata aggctacttt gaaatgn 347

<210> 1445  
 <211> 343  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(343)  
 <223> n = A,T,C or G

<400> 1445  
 gaaccaatct tgaatagggga agtgatgcta caaaaatgct aaaaaatgaa ttaatataat 60  
 gcaaatgtca gtttagtataa tataaataat gatgcttata tatatggaaa gaaggcaaaa 120  
 tataaatagg tagtctatcc atagatatta cattgatcca ggtattaaga acatgaaatc 180  
 attaggtctc attaaaagaa aaattcattg taattcatatc ttattttcta atcacttgta 240  
 atagaatttt taatagtcata tttttcagaa caattttagg ctacacagaa atacaataga 300  
 atttttagtta tacaattcat acatgaatac tattttccttg atn 343

<210> 1446  
 <211> 342  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(342)  
 <223> n = A,T,C or G

<400> 1446  
 tgatgaatta tgaaggaagg acattttatct tgagaatcat gagcattata atattttattg 60  
 aggattagaa ttttggttatg tggaggtgct actacctcct catgagccac ttctgcactc 120  
 aatctcagta agaagaaaaat gattaatttg taaaatatta aattatcatg attttttcac 180  
 ttttctgtcg gttttttctg ttaatgtcag gtagcttata ttagtctttt atgattaaaa 240  
 atgggagaaa gatatcatat taaaaatgca gaggtctggc acggtggctc acacgtgtaa 300  
 tcccagcttt gggagggcga ggtgggcaga tcacctgagg tn 342

<210> 1447  
 <211> 350  
 <212> DNA  
 <213> Homo sapiens

<400> 1447  
 caagcatgag acacacatct ggcagcttaa catttaaat acgaggggga aaccctcact 60

tcagtagtaa	ttttctcaaa	gaaaagaata	gggaatggat	tacaactaaa	tttaatttct	120
ttttaaaattt	tcatcttgct	taattgcagg	catttttctg	ggttctttgt	attcatatat	180
tttcacacat	atcttctgta	gatttttattc	atctttaatt	tgagatgctt	ctcactatta	240
gagctcttga	aaaattgtgg	tatattttac	atagaaaatt	atctcgagac	atctatctga	300
tctcaagtaa	tatagacatg	gcatagaaaa	tacaaggaac	atgggtttct		350

<210> 1448  
 <211> 345  
 <212> DNA  
 <213> Homo sapiens

ccatcaagca	ttttgagcaa	agccaaaaat	attatgaaga	aaataaaaaga	atgaataact	60
atcagaataa	gaatgtgtgg	agatctgact	aaataatatc	tctgttttat	tatagaagga	120
aatgtaaatt	tatgtggaag	agtgtctttaa	actgtaggaa	taggacttcc	aagaaggat	180
attttggcac	agttgccaaag	ttcatgacaa	tcaagtaggt	cgccttgga	taaatgaagg	240
aaagaaaagct	ctctgccaat	ctgcaatcgc	accccttact	cctactgaac	tggcacatat	300
actcacagat	attgctagat	tttagggtag	tgagggacat	tgatt		345

<210> 1449  
 <211> 347  
 <212> DNA  
 <213> Homo sapiens

agattgaaaa	ctaactatct	aatataaaac	cacataacca	taaatgtttt	atcttacggt	60
caactactgt	tttctgtttg	gtgaggaaac	aaaagtcagg	gcaagagggt	gccaataagg	120
agaaagcaga	agggacaaga	aattggaggc	ttctgttaaca	aagaacaact	agaatgtgaa	180
tagagaaatg	aataaatacc	gaagaaagat	cgacttggct	ctttgaagag	gcccctggat	240
taaggccgtg	gaagagatcg	agtactggaa	gattgtcgct	acaacggaga	attgattgtc	300
ataaaagacg	acgctagtgt	ctgcaagtca	tacatgtcac	tggtctgg		347

<210> 1450  
 <211> 371  
 <212> DNA  
 <213> Homo sapiens

tacggttgcg	agatgacaac	agacggggcaa	gcataagtag	gctgaagggg	catctgacaa	60
ggctattgat	gtcctcatag	aaaggaataa	gcatactggg	acacactttt	agcccttatg	120
acttgetgcc	tggaatgtgt	ccatgacgcc	tgagatgca	ggagcgtgaa	gatgcacagc	180
aagcagggag	agaagctggg	tctttgacca	ctatcttgag	cagctgtgcc	agccccaggc	240
tgcattccact	tcttgtttatt	gggaaggaca	aagccctatt	tacagacaag	tctctattcc	300
atgcagctta	atgcaatcct	gactcataaa	gtacctccaa	accaccgctc	cccagttggt	360
ccatgtcagg	t					371

<210> 1451  
 <211> 317  
 <212> DNA  
 <213> Homo sapiens

tagttaaata	taaatgggta	attaactttc	caaaaagaat	aaaacagtca	atctctctgc	60
acacacacac	aagatgcttt	tottaatttt	ttctgtgaat	gacttgactt	gatatttagg	120
ttttaatttt	cttgaacaac	ttaggtgttg	caaaaataaa	aactgttgta	ataaaagttt	180
tatggcttgg	agagtcctac	ttttcacagc	aaagctgagg	gagaacggaa	aacacatagc	240
tttgatggga	ttcttcataa	aatagcttgt	ttttgtgtgt	gctgaaaata	gtattgatgg	300

cttggagatg tcacaaa

317

<210> 1452

<211> 315

<212> DNA

<213> Homo sapiens

<400> 1452

gtgtatcaca	tatctagact	tottgatgga	atattgaatt	tgaatactta	tactatacca	60
acatctcact	aaattaacta	atgaatactg	aatttttagaa	tgcgttactt	gatttactgt	120
attatcagta	agtagcccta	atztatgtac	agaaatttaa	atgtatgaat	tttaatcaca	180
tttatatcac	tttatgaaca	cttaaaagta	cattcatgac	ccaccagtgg	gccacaaatg	240
ctactttgat	ctacattgag	tttgttacat	acatatcctt	gaaccctata	atggattcca	300
tttagtctta	ccggg					315

<210> 1453

<211> 293

<212> DNA

<213> Homo sapiens

<400> 1453

aaaaaaagct	taatagtcac	aatatatatg	ggatttttac	aaaagaaaaa	cacccaaaata	60
gaaacatgta	taaaggaaat	taaaaggaaa	tcaccaaaga	caaaataaga	aaccctcaa	120
aaaacagcaa	attaaaatga	gacatttttg	ggttgggcgt	ggtggctcac	gcctgaaatc	180
ccagcacttt	ggcaggccga	agtggctaga	tcccttgagg	ccagggtgtt	gggacgagcc	240
tggccaatat	ggcgaaaccc	ctctttacta	aaaatacaaa	tattagccag	tgg	293

<210> 1454

<211> 343

<212> DNA

<213> Homo sapiens

<400> 1454

atatataaac	tacaatcaga	gcactgttct	gtaattacag	gctttttacat	ctctctctct	60
cctctagaac	aattctctct	ttcaggatag	gaactgtaac	ttattagcag	ttacatcctc	120
agagctagca	gagtcctggtg	aattgtaggc	attaaatatg	ttttgggttg	ataaatgaat	180
gaaatataca	ttccattcct	accccaaacc	agtataattt	tcttacacct	ctattactca	240
acttcctcac	aaggctctgcc	agtcaagagt	cttagcagcc	acaacagctc	cttcaagtta	300
ggatcatttg	aggagagtaa	agtgatgact	taaaaaggta	tgg		343

<210> 1455

<211> 375

<212> DNA

<213> Homo sapiens

<400> 1455

cgttgctgtc	ggaaatggta	aatgatgtac	aagaattgcc	agaagagtca	aaactgcatt	60
attaataatt	gtgaaaaatt	acaagcaaaa	cagctcaa	tcattggaaga	ttaataaata	120
ggagggtggga	tagttatgta	ataaattatt	ataccgaaac	ttaaatagat	gaattagagc	180
ctcatgagtc	aaccaggata	aattttttta	aagttcagag	taataaataa	ggcgcaggct	240
tacatttata	atataatatc	tgaaaactta	aatactaaat	acttatccaa	cataggtaat	300
aatagttcaa	acatgcattg	aatggaaaaa	caaattcagg	gtagtggtaa	tctctgggaa	360
ggaatgagtg	aattt					375

<210> 1456

<211> 343

<212> DNA

<213> Homo sapiens

<400> 1456

agggtggagc	ctgccctcct	ccacctgaca	cccccaacca	ggcctggggc	tcggtgtctc	60
cagctccaag	tcttccccctc	tccaacagcc	acttaaaggc	ctccctctgg	ctcttctcag	120
agaagaaaat	caaaagaagg	agagagggag	gaaaggcagt	agttcagggc	atggattcaa	180
atctgcatgt	aggagatgga	aaagcaaggt	aggagatggg	cagagacaca	ggaagagcag	240
gagatgtagg	gtgtggcctt	agcacttgct	gggaggtagg	ggtgggacaa	ctgagtgagg	300
agctggctta	gagagcagac	tgtggagttt	agtcctgatg	gtg		343

<210> 1457

<211> 363

<212> DNA

<213> Homo sapiens

<400> 1457

tctacacttg	gattaagaca	agacaagaga	cttcgatgtg	acatgacgca	ccacattagg	60
atagcggagt	aaaggatgct	tgatatgaga	cagtggctat	gctatagtgt	tattctaatac	120
caataggagc	tgaagcagac	ccttttgaaa	catcctgtgc	gatagtttta	tgattgacgg	180
acatgaggcg	cagtgggaag	tttttttctt	tcctaaaaac	agattgagag	agtctcaatc	240
tcaagggcca	gttaagaaac	tcatgggtga	gcctgtaatc	ccagcacttt	gggaggctga	300
ggcaggcaga	tcacttgagg	tcaggaaatc	aagaccagcc	tggccaacat	ggtgaaacct	360
tgt						363

<210> 1458

<211> 335

<212> DNA

<213> Homo sapiens

<400> 1458

aggctttcag	aaataaccaa	gaacatcaaa	aataaagagg	actttttacaa	gtgaaaaatg	60
cagtaatcaa	aaatgaactc	aaaagagaga	ttaaatagat	tagacacaac	tgaagagaaa	120
cttagtaagt	gagaagctct	atcagaagaa	attatgccta	atacatggag	acaaagaaat	180
ggaaaatatt	caagaggagt	taggaaacgt	gtaggaaaga	atgaacagct	ttaatgtatg	240
ttgaattgat	atgcaagaaa	taggaaatgc	aggcccgggtg	caatggctca	tgccctgtaat	300
tctagcactt	tgggaagctg	aggtgggtgg	atcac			335

<210> 1459

<211> 340

<212> DNA

<213> Homo sapiens

<400> 1459

cattcatcaa	tgagtagaag	taaatacatt	atagttgatt	ttgctaaatc	ttaattttaa	60
agcctcattt	tcctagaaat	ctaattattc	agttattcat	gacaatattt	ttttaaaagt	120
aagaaattct	gagttgtctt	cttggagctg	taggtcttga	agcagcaacg	tctttcaggg	180
gttggagaca	gaaaccatt	ctccaatctc	agtagttttt	tcgaaaggct	gtgatcattt	240
attgatcgtg	atatgacttg	ttactagggt	actgacaaaa	tgtctaaggc	ctttacagaa	300
acattttttg	taatgaggat	gagaactttt	tcaaatagca			340

<210> 1460

<211> 258

<212> DNA

<213> Homo sapiens

<400> 1460

cacaaattgc	tctttgctta	aagatcttct	tttgttttgt	ttaacttttc	tagtgcattg	60
------------	------------	------------	------------	------------	------------	----

tatatcttgt	ctaaattaaa	tccaattacg	ttaacaacat	ttaataaaca	ttttcctcct	120
gtgttcaaaa	gtgattttgt	ttatacttca	tcaggggcgt	cagtgggttg	gcagatcaag	180
aatactatat	ttaggccagg	cacggtggcc	tgtaatocca	gcactttggg	gggccaaggc	240
aggcgaatca	cttgaagc					258

<210> 1461

<211> 337

<212> DNA

<213> Homo sapiens

<400> 1461

atttaaagaa	atgaagatat	gtccctat	ctgtactgta	taatttcaat	tgtttttcgc	60
ttgctctaaa	gttcttatca	tcaataatta	tgtaacacta	ttatatactc	actatgacac	120
ttttaagaat	ggaaaaacta	ttcttaggca	tattttat	ttaaaaactt	cttaactata	180
taatagaaga	gcagagattt	ttgcttcttt	tttaaacatt	tactggctga	atatttttca	240
atgacactta	ctatttgtat	aagtttcaaa	ccagatttga	ttccaggcca	ccagaatgaa	300
atcattacct	gagtcaacag	gattacctat	aggcccg			337

<210> 1462

<211> 340

<212> DNA

<213> Homo sapiens

<400> 1462

cgggggcagc	aacaagggcc	aacagccctg	gtgctgggtc	gagatccaca	aaactgtcac	60
cttcaactaac	tggtatgtgg	tgatgttgg	acctcaaagc	actcaatgtc	tccttttctt	120
ccagaaaggg	ccaaaatgac	ctcctaata	cagatttcct	atcaagggca	tattcctggg	180
ccctaataata	aaaaatcaag	agttatttca	attattcacc	ccccaccttc	cctgaatatt	240
ccagatgtca	ctaaggaaag	tctaagatgt	ggaacttttg	ctgcaactta	ctggaaacat	300
tcgtccgtta	ctcacttaaa	ttattcaagc	aaattagggg			340

<210> 1463

<211> 339

<212> DNA

<213> Homo sapiens

<400> 1463

aacactaata	tttatatgta	ataagtctaa	aaaatagaca	ccaacagcca	gaaactgagt	60
agaacatcaa	atctaata	agacaaagac	ttcaagggtat	aagaacagat	taagtgcagg	120
ctgaatccaa	aatggactat	ataaaactagg	aagcaaggta	taagatacta	ttcttagatt	180
cacaggaact	gaaataaaa	atctaactct	caacttataa	ttcatatagc	actaaactag	240
gttctaata	gtttattcct	ataaaaaagt	gtgttcaaac	aaaactcatt	attgttgatg	300
ggaacaacaa	ctgtgcctta	cagctcaaac	ttatgtaag			339

<210> 1464

<211> 339

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

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<223> n = A,T,C or G

<400> 1464

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atgcaaata	acttctgaat	gcgcacgtat	gtctttatat	acagatagct	tttaacaaat	120

agcagggtggg	gccgggactg	tgggtcacac	ctgtaattcc	aggacttttg	gaggctgagg	180
cggggggatc	acttgaggcc	agaagttgga	gaccagcctg	gccaacatgg	tgaaacacca	240
tctctactaa	aaatacaaaa	attanctggg	cgtggtggcg	ggtgtctgta	gtcccagcta	300
ctcaagaggc	tgatgcagga	aaatcgcttg	aacccaagg			339

<210> 1465

<211> 337

<212> DNA

<213> Homo sapiens

<400> 1465

ctgactttctc	taccctgctc	atattttccc	ccaacccatc	cctcttccca	ccttttagtt	60
tttgaatccg	actaaaggaa	ctgaattcca	agagtccaat	aaattaaaga	aaaaaaagtc	120
atacaatccc	tacatccagg	aaataccaat	gtaatatatt	gggctttttt	ttggtatgcg	180
tttaagaaaa	tactattttac	ataaaaagtt	aaatatccaa	tgttttgctt	ttactttaat	240
gtcattaaat	taaataaaca	ctaagtttac	acattttatt	aaaagtacca	aggtactttt	300
aatgaatata	agataattta	cttgactact	gcttttaa			337

<210> 1466

<211> 338

<212> DNA

<213> Homo sapiens

<400> 1466

aaatcctata	ttttctggttt	cggacatttt	ggctattaaa	caggaataact	ccaaactatc	60
tctttcaaac	caattatttt	tcaattttat	aaatcttcca	aataagcaaa	agcaaccaca	120
accataagaa	caaagaatat	ggctacattt	atatagtatg	ttctttttca	aataatttgt	180
aaaggcaaat	ttgaaagctc	tagttgttta	cacgttatca	gtgatgagat	aaaaatgtta	240
gcataaaaa	ttggaaagca	ttaaatataa	taggaattag	agattgatta	tgtcaatctg	300
atcagtaaat	catgctgatt	tactgaaaac	aaattaca			338

<210> 1467

<211> 337

<212> DNA

<213> Homo sapiens

<400> 1467

tgaccttttg	atcccaccat	gggactgttc	cccagcccta	agcccctgaa	atgggggggaa	60
agagaacctt	ccttttccttg	tgcccaactc	atgatctttt	gaacatgggt	tacctccctt	120
cgcggctttt	ggaacataag	gcaagcacaa	gctcttgagt	ctctagtttc	tgtgtgcatc	180
tactcttcc	gcctctggca	cctcccagct	cctgacttcc	tcctgcttac	ccctggagcc	240
agagacgtgg	ctgggaagag	ccctggcct	ttgaagccag	aggtggtggt	gaccaggggc	300
aacaggccac	tgtgctcctg	gatgcgtggg	ctgccag			337

<210> 1468

<211> 338

<212> DNA

<213> Homo sapiens

<400> 1468

tataacagaa	cacattttga	agcacaaagt	gacaggaagt	tcggcagggt	tctcaggcct	60
catttttgag	gtatcctctt	ggttttgggg	cctcatctgg	cattgcttgc	tcaggccagg	120
cccagcaagc	gggggttagg	gcagggcaca	cactggctac	gggggtctct	gcagcaggac	180
agagggggct	ccctactttt	atttttcctg	gggggctcct	tgactgcttt	ggcaagctga	240
tactcggcgt	tatctggtgt	gtttttataat	tttttttagg	atgtgtgtgt	tcttcccttg	300
gaggggggtgc	cgtctttaat	ttttctgcgg	gggggtttt			338

<210> 1469  
 <211> 329  
 <212> DNA  
 <213> Homo sapiens

<400> 1469  
 gaagaatgag gatcaaaaagg taaaataactt tataaatttaa tttttctttt ctttatcctc 60  
 cgtgactgct ataaagactg tgaaagggtga aggctaattg agtagaactt ctttacatcc 120  
 acaatgtatg ggatctactg tagtctacac agttgacagt gtaacataag ctttactaga 180  
 tcagttcatt attataattc tatggccacc atctgtccct actcatagta agtttacaga 240  
 gacgataaaa gatctaattt cagttctacc gatcccattg gctttataaa cccttaactg 300  
 aagcttagca aaaggattag tagaaaacg 329

<210> 1470  
 <211> 332  
 <212> DNA  
 <213> Homo sapiens

<400> 1470  
 ggcagccttc atgaccacaca tgtgaatgtg tcttatatca aatattatgt ttaatttaat 60  
 tatgtgcaat tgaggtagaa taaaagaaga aaaaaagac taggacaagt ggaaaagaaa 120  
 gagtagcaca gtacattttac agcagttgga aattatacat ttgcataag aggtaatcag 180  
 gatatagact aagcagcact taaaagata ttccaaacaa aactaatgtg caaacaaaat 240  
 agaaggtatc tctaccactt tctctcattc atttaatagt ttagttatca tccaataaaa 300  
 atttaagaca cggccggggcg cgggtggctca tg 332

<210> 1471  
 <211> 302  
 <212> DNA  
 <213> Homo sapiens

<400> 1471  
 acccacctca gcctcccagc gtgctgggat tccagggtgtg agccactgca cccagccagg 60  
 tgtgatTTTT aggcggaatc ttaacacagt attgaaagat ttcttcaaac cagaagaaaa 120  
 gcaggtatct gaaacatttt agtgctggcc acagagttgg agatgaacag ggaagctgag 180  
 gatcggcccg acggctggca gcaaatgaga ggagaccgga gcgcaaaca ttgacatgac 240  
 ttctgttggt catgcggcct cttggaaaat gtttttccat gaactgttgt ttagaaatgt 300  
 ct 302

<210> 1472  
 <211> 331  
 <212> DNA  
 <213> Homo sapiens

<400> 1472  
 gagccaccgt gcctggcctc accattgtta aaattatgga aatcgtgttt gcaaagcagg 60  
 ttggcctggt tggaagagg tgtcataatt tctcaggtaa ctccaaaag agaaagctac 120  
 gaaaattacc ttaatacatt cattacagtc tcagtataag attatagctt cctctcccaa 180  
 agcgtaacca caacctgacg caggatgagt tggtttgaaa ataccgcata caatatcctc 240  
 ttgagtagaa tcataattta gaactctaaa aatgaccgga aacaaaactg tccaagtttg 300  
 ttaacgtaa tgtgtttcaa cttatttgac t 331

<210> 1473  
 <211> 329  
 <212> DNA  
 <213> Homo sapiens



<400> 1473  
ggaccttttg atcccatcat gggactgctg cccagcccta taccactgaa atgggggggaa 60  
atagaagcct tctttccttg ttgccactct tgtatctttt gaacatgggt tacctgcctt 120  
cgcgtctttt ggaacaaaag ggaatcataa gctcttgagt ctctgttttc tgctgtcatc 180  
tactcttcct gcctctggca cctcccagct cctgactttc tcttgccttc ccctggagcc 240  
agagacgtgg ctgggaagag cccctggcct ttgaagccag tggcgggtgg gaccaggggc 300  
aacaggccac tgtgctcctg gatgcgtgg 329

<210> 1474  
<211> 323  
<212> DNA  
<213> Homo sapiens

<400> 1474  
ggggggggcgg taaacgacag aagggaactg ttgtattttt aatagacaat ttcacgacgt 60  
tggecgaggct ggtcttgaac ccctgacctc aggtgatcca cccgcctcag cctctcaaag 120  
cgctgggaca ggcgtgagac accgtgctgg gacagtagta acttctaagt gataatgtat 180  
gcgtgggggtg gaaaggggag taccagtatt tttatttcta acacatatac aaaacaccag 240  
cttgctgttc accctgaaga accctgggca cagagcttat tcatattatc gtgccatcgt 300  
gccctatgca ttcttcaatg ggc 323

<210> 1475  
<211> 328  
<212> DNA  
<213> Homo sapiens

<400> 1475  
atccattggt aaagaaataa atcagcgctt caaagacaaa cttccagtgc ccattccaat 60  
cgaattcatt atgaccgtga ttgcagcagg tgtatcctac ggctgtgact ttaaaaacag 120  
gtttaaagtg gctgtgggtg gggacatgaa tcttggattt cagcccccta ttacacctga 180  
cgtggagact ttccaaaaca ccgtaggaga ttgcttcggc atcgcaatgg ttgcatttgc 240  
agtggccttt tcagttgcca gcgtctattc cctcaaatac gattatccac ttgatggcaa 300  
tcaggaggtta atagccttgg gactgggt 328

<210> 1476  
<211> 323  
<212> DNA  
<213> Homo sapiens

<400> 1476  
gagagaggac agagaggcgg gtcacagctt gacctgggtt ggtcctttcc agctttgggt 60  
catagagagg aatttggtt ttcttttaag tgcaatggga aattgttgta agattttgag 120  
cagggtgca ccattatttg acttatgtgt taacagcgtg agagttaaga atttgctgct 180  
aggccaggcg cagtgggtca cgcctataat cccaacattt tgggaggccg aggtggtaca 240  
cttgagggtca ggagtctgag accagtctgg ccaacatggc aaaaccctgt ctctactgaa 300  
aaatacaaaag attaggttgg gca 323

<210> 1477  
<211> 135  
<212> DNA  
<213> Homo sapiens

<400> 1477  
ggaacctgaa atgagaaaag ggtagtgaag gaagacttga tgccttcat aactggcctg 60  
catcctgccc agcccctcct ttctttccag aagcccacca gtggcccaga gtggaagggt 120  
gggagtcaga ccagt 135

<210> 1478  
 <211> 318  
 <212> DNA  
 <213> Homo sapiens

<400> 1478  
 ttgcctacaa ttctaccacg tattttctat aagcatgcaa atctagtata ggtagaggat 60  
 attacaggct aattaatctc ttggcatctg gtctaccag gccagtgct ttgttcttga 120  
 acaaacaaat aaaaaaaaaa cacagagaaa taaccatgca aatatgagaa atgttgacaga 180  
 aatttgaaat tgagacagct tcctcttttc tataggattt ttttttaggg gaaaacaatc 240  
 tctatattca gtcttatata ttacctgcct tcaaaaaatc aaacattga aagttaagca 300  
 aaattcctgt cagaaagg 318

<210> 1479  
 <211> 292  
 <212> DNA  
 <213> Homo sapiens

<400> 1479  
 aaatggacga aggaggaaaa agaaaggaga agagtttgaa gacagaagaa attaaggaaa 60  
 gtaaactaaa gcaattgaaa ctatttggca atcctttccc tctcaactct aaggcttatt 120  
 ctaaattagg ggttttctag atatacaatc atgtcatctg caaacaggga caatttgact 180  
 tcctcttttc ctaattgaac accctaaatt aggaaagtta aacacctaaa atgtcaacac 240  
 tttcatttaa agaattgtggg agagccgggt gcaagtggcc cacacctata at 292

<210> 1480  
 <211> 324  
 <212> DNA  
 <213> Homo sapiens

<400> 1480  
 gggaggggagc ggagggagga taggagagca ccacacatag tcaggggagg ctttcaaaag 60  
 agtcttgact ctaagaatac caaaaaagaa aggtaatgca aatttcaaac ataccacatg 120  
 cattttcttt tccttcccaa atcccactaa ggctattttt tttaaatcca ggttctagtc 180  
 ctgggtttgt catgacctta atttaccctt cacctaatac cctttgactc agtttcttca 240  
 tctataaact gaggggcttg gcctcactga gttctaatgt cctttataca tttaatcttc 300  
 tatgagtcta agatgcaatt tctc 324

<210> 1481  
 <211> 325  
 <212> DNA  
 <213> Homo sapiens

<400> 1481  
 tcacagtcac cacagcttcg ttgcacatct tatttctttt gataatcctt cagggtttttt 60  
 tttaaagaca atattgtacc tttattttta ttattataca tttcttacat tgtcttatga 120  
 ttctgatggg tcttcagtga tccactgaaa acacotttat aatcactgaa taggatatta 180  
 aagaagtgtt tttcttgact ttatcacatt gcttttggat ctttgaaact ggagagaaaa 240  
 gtcgggcaca gtggetcatg cctgtaatcc caacactttg agaggccaac aagtttgagt 300  
 ccaggagttc aagacaccct gggca 325

<210> 1482  
 <211> 322  
 <212> DNA  
 <213> Homo sapiens

<400> 1482

aagggtggctt	tactaatcga	tattctttata	ctgacaagtg	ctcaaacatg	gcgtggcaaa	60
gccttcatta	agcactgatt	agcagttaat	ctgtctttca	ggcagctaac	tttgctgagt	120
aaatgtacca	atgaccccta	aaaatgctac	aataatttta	tttaaataat	tgcaagtctt	180
aggaacacct	ctaaatcata	aaaagaaaat	gaaaaaatag	aatgggtgac	actaacaatg	240
tgtatttttt	gttcattgct	aaaaaaaaaa	tgaagggtacg	gtgtcaagtt	tcatgggtga	300
ctttttcttc	ttagtcggaa	at				322

<210> 1483

<211> 319

<212> DNA

<213> Homo sapiens

<400> 1483

ggctagagta	cagtggcatg	atctcggctc	actgcaacct	ccacctcctg	ggttcaagca	60
gttctctgcc	tcagcctccc	aagtagctga	gattacaggc	ttcgccacc	actcccggct	120
aatttttttt	gcatttttag	tagagatggg	ggtcctcccc	cgtgcctccc	ctaccactca	180
tttcgatccc	ctcaaattca	tcttctccct	gcttctgtgg	ctacattatc	ctgacctgac	240
ggaatatcgt	tctgcatggc	tcgcttcccg	atattttccc	cttgcacatc	accgggttact	300
catgttattg	cccctcgag					319

<210> 1484

<211> 322

<212> DNA

<213> Homo sapiens

<400> 1484

tcagctaatt	cactcttttc	ttctttctgg	taaggaaatt	gaggcttcag	ggtgattttg	60
tgactttcca	gacatctgta	gtggaagaac	taggtctagg	cccaaataat	ttaattacta	120
gctgagcgac	ctgcacacaa	ctgcaagaaa	ttgttccatc	acaaaacttc	aggatgattg	180
gggttctctc	tttttctctc	ttttattcca	agcttaaaaa	aaaaaatctg	ctgaacgtcc	240
cactggagct	gaaattgtag	aagacaacta	gctctttaat	tatgatgtgc	agggagctgc	300
ttttactttt	cacttggctc	tg				322

<210> 1485

<211> 321

<212> DNA

<213> Homo sapiens

<400> 1485

accctactac	ttgagaaatt	agctgctcaa	tattgacatg	gacactgaga	agaaaaatac	60
attttggcat	aaaattagga	agaataaaat	tttattatgg	gaggcttcac	attcaaaaac	120
aactaaagca	ttttaaaata	taccattttac	aataacaaaa	agagagttaa	ctgctcggat	180
cccattgaag	ttcatgaagt	tgatatactg	tagcaatcaa	aattctcaag	attaatattt	240
catgacagaa	tacctggatt	tagggccagg	cgagggtggct	cacgcctgta	atcccagcac	300
tttgggaagc	caaggccggc	c				321

<210> 1486

<211> 321

<212> DNA

<213> Homo sapiens

<400> 1486

taaatgtcta	ctaccatggt	taacattata	tttgaccagt	attcattgaa	cagcaacaga	60
aaaaaaatat	agaatatata	agcaatgttc	tcaaaaaatct	attagcagta	aaataaaaata	120
tttttcttat	agtgaaaaag	taatcaccat	gataaagcaa	attccaatat	aagtacagaa	180
atatcataca	aaatatttta	cagtttttag	ttccattcct	gttatgtatg	ttagtaaaaca	240
aaaattagaa	tatttttaaag	cctatgtatg	acagttaact	atcagaatta	ttcttgtaca	300

ttgagaacac tagacagtag g

321

<210> 1487

<211> 322

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(322)

<223> n = A,T,C or G

<400> 1487

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aattttctgaa	ttctgaaaga	ccaagatgat	tcttcaatag	ccacaggtct	tggaacctgt	120
ttctcttaat	aactgtaact	atagaacttg	ctcagtgctt	tactcttagg	agaggcttca	180
gaaatattta	ttgcatgcaa	ttactgaata	tatggcacat	gtaacatctg	ttgtatcaac	240
agataaacag	gattctgagc	tggttttttc	tccattgggc	ttcaggtaca	tagaaatgga	300
ttgacggccg	ggcgtggtgg	cn				322

<210> 1488

<211> 334

<212> DNA

<213> Homo sapiens

<400> 1488

agaagggggg	caccctgcc	tgccactgct	gcctgtgtat	gtgcatccca	cccttctccc	60
cgctgctgaa	ccaccactgt	agttagaaca	ttgtcgggga	cagagcccac	cagccccgct	120
cctgccaggg	cccactcctg	tgctgaaatt	atcaccagca	tgaaactaga	catgaagaaa	180
agcagacct	gcccttccct	gagtgccac	tcttgcccat	gggaacacac	acagagtgtg	240
cacacagtcc	tgacccaacc	agtgcaccac	ccctgcacta	acatcactgc	tggttcacac	300
acccacagtt	atggggaggg	gcgttttccc	aagc			334

<210> 1489

<211> 322

<212> DNA

<213> Homo sapiens

<400> 1489

aggtgtatcc	tacggctgtg	actttaaaaa	caggttttaa	gtggctgtgg	ttggggacat	60
gaatcctgga	tttcagcccc	ctattacacc	tgacgtggag	actttccaaa	acaccgtagg	120
agattgcttc	ggcatcgcaa	tggttgcaat	tgacgtggcc	ttttcagttg	ccagcgtcta	180
ttccctcaaa	tacgattatc	cacttgatgg	caatcaggag	ttaatagcct	tgggactggg	240
taacatagtc	tgtggagtat	tcagaggatt	tgctgggagt	actgccctct	ccagatcagc	300
agttcaggag	agcccaggag	gg				322

<210> 1490

<211> 156

<212> DNA

<213> Homo sapiens

<400> 1490

tccggctgct	atattttctat	tgagggatgc	atttgccgtc	tgccctcctct	ttcttggtgt	60
ttgtgttagt	tgatttggtc	gttttaggtc	tttaagtatg	ttttgttttc	gtcttggtgt	120
tggttatca	tgtattttgg	tggtcagggt	gtcttg			156

<210> 1491

<211> 233  
 <212> DNA  
 <213> Homo sapiens

<400> 1491  
 tcttataggt gatttctgtc ttataggtga ttataatcaa gtgtaggctt cctgaatttt 60  
 gacatccttt tagaacttgg gtctggaatt ccagaaatgt taattgctgc ttgtatttgt 120  
 tcttgtttgt tttttagcca gtatttgccc tttctatcca gccttatgaa taatagcagt 180  
 aaaatcacag tatcttggtc agtcctttatt tttttccttt gttctttttt acg 233

<210> 1492  
 <211> 317  
 <212> DNA  
 <213> Homo sapiens

<400> 1492  
 tcactcaaaag gtttcattgt ctgaaatata agcctaaaacg tagtttatgt ttaggaagca 60  
 acaaccgtaa atagtccac atccaaacgg agtggattta ggtttcactt tttcaaggaa 120  
 aaaccatcaa ataaattttc cacatactta taaaccatcc cacgtataga atccattttt 180  
 actgacacaa atttagtacc aataaacgac tcttcttctc aatttggttt atttaacaat 240  
 aagtcttgaa cgtcattccc agttaacatt ttgaagagtt tcctctcttt cgttctgctt 300  
 tagctgcaaa gtattct 317

<210> 1493  
 <211> 314  
 <212> DNA  
 <213> Homo sapiens

<400> 1493  
 cagaggatta agttgagcat ggggcctcat tacagggcag ggactctgtg actgcactgc 60  
 cactttccca taaagcctgc ctgggggatg gggaaatacca cgtaggaaag agagtcttta 120  
 aagtgttctg gggacagggt ttaaagttat ttgaatgact taagagctcg tgatgtcctt 180  
 tagatacaaa agattttcac gtggggaagg acattaaatt tgttttttat aaagttcact 240  
 ctggcgtcta atcatgtaga aagactagta ggtaagtcaa ctaaaaaact gttggatagt 300  
 ctaggaaagt ggtt 314

<210> 1494  
 <211> 313  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(313)  
 <223> n = A,T,C or G

<400> 1494  
 taatgttaga ggactgtgaa agttggggaa agaagtttag tttgtaggta cttgtttttt 60  
 tgagcagga attgtcttgg ctggaggtga atgtcagata ggtaaatgta ggcaagtga 120  
 gaatggaaat gaaggtgtga tcatttagga ggttatttgt ttaggtgaga gagttaatga 180  
 attaggtttt gtattaacga atgaaaatgg gagcagataa atttttaaca aattaagaat 240  
 catattttta aatcagcacc aggcacctag aactcattgg caaatagaaa ctttcaaaaag 300  
 atataatcag gtn 313

<210> 1495  
 <211> 314  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(314)

<223> n = A,T,C or G

<400> 1495

gtgccttccc	atcagccctt	gtgctgggta	ccgggggaacc	tggggttcct	ggtttgagct	60
cagggagagc	cttggggccac	taggggtacc	ccaacgcggt	ggaaagccca	tgacaggaag	120
gtgagctgtg	agggaggaga	ggtgaggcac	tactggcaga	aaagaaaaag	aaaccacgcc	180
acggagagcg	ggacctgggt	ctcccatgga	aaaaagtgcc	ttcccatcag	tccctgcgct	240
gggccccgtg	gaccagggcg	accctgggtc	taggcctggg	tgcacctcan	gcccgcctagg	300
tgtaccccaa	agca					314

<210> 1496

<211> 312

<212> DNA

<213> Homo sapiens

<400> 1496

acagtcagag	gtaaagaggt	cactgatgat	cttggtcaga	ggagtttcag	gagcctgaca	60
gggacggaag	ccggcaagcc	ccgaatcagg	gaaggagtgg	gaggtgagaa	cagatgatca	120
agggcagatg	actcttgcaa	ggcgtggctg	agaagcatag	agacacagtg	aggctcttgg	180
gggacaactg	gaaggcatgg	ggcactttga	ttttaactca	gggaaccctg	agcttaccta	240
agtgcagatg	gccagtcaca	gctgcaaccc	atagactaag	aagccatggg	ccaggtgcag	300
tggctcacac	ct					312

<210> 1497

<211> 314

<212> DNA

<213> Homo sapiens

<400> 1497

gcgtgtgtga	gtgggtgcat	gtgtgagtgg	gtgcgcgtgc	gtgtgtgagt	ggatgcatgt	60
gtgtgtatga	gtgggtgcat	gtgtgcgtga	gtgggtgcat	gtgtgcgtga	gtggatgcat	120
gtgtgcgtgt	gtgagtgggt	gcatgtgtgc	gtgtgttaat	gggtgcatgt	gtgcgtgtga	180
gtgggtgcat	gtatgtatcc	gtgggtgcat	gtgtgcacgt	gtgagtgggt	atgcgtgcgt	240
gtgtgagtgg	gtgcatgtgt	gaatgggtgt	gtgtgcgtgt	gtgaatgagt	gcatgtgtgc	300
atgtgtgaat	gggg					314

<210> 1498

<211> 307

<212> DNA

<213> Homo sapiens

<400> 1498

ggaggcggct	gtggcatttt	gctcacattg	gatacctgat	tgggacattt	atttaaaatg	60
ctaccatttt	tcaaattttct	gagccaacat	catgatttaa	ttataccggc	ttcatcgcaa	120
gttttacaat	ccgataaagc	aaggcccaact	tcattagcta	tttttttctt	tatataacat	180
gccctaaaca	ttcattttttt	cttgtgaaaa	aatgaaatgc	acaattttta	taaaattcta	240
attatgacgg	ctgacattcc	aattaaaaac	ctgcattttt	gtttagaggg	ctctttaata	300
atattag						307

<210> 1499

<211> 251

<212> DNA

<213> Homo sapiens

<400> 1499

gaacaataact	tttctctaac	atcgtagcgag	gaagaaaaca	aacacatcag	atatttttcag	60
cactaaaaga	gatggctttc	cccacatata	tgtcaaagaa	atatgcaaga	ctactggatt	120
ttgatctcat	ggttgcagcg	ggtgaatagg	tggccttttg	tgatctccta	catcaccctg	180
gaagtgagac	ttcttcgggt	tcttctagag	tcagattggg	atcagaatgg	catagcaact	240
taaccttgca	g					251

<210> 1500

<211> 309

<212> DNA

<213> Homo sapiens

<400> 1500

tgacctggat	caactatgaa	catttacatt	tattagttaa	catctacatt	ggctaaactg	60
tagcatctga	cttgatgtca	tcctaaaata	atatttcctt	cggagtatth	tcttcactct	120
gtaattgcta	actgctttcc	tatttgthtt	gtaacttatt	tccttaatta	gagaatattt	180
ttaaaaataa	aatttgagca	aggattgtag	atacctgaga	tttagtctgc	ctctgcttta	240
aatcagtgtg	ccagtttgct	aagtttgcca	taatgaagta	ccacagagaa	cgagtagttt	300
aaacggcag						309

<210> 1501

<211> 309

<212> DNA

<213> Homo sapiens

<400> 1501

gtgccttccc	atcagccccct	gtgctgggta	ccgggggaacc	tgggggttct	ggtttgagct	60
caggagagag	cttggggccac	taggggtacc	ccaacgcggt	ggaaagccca	tgagaggaag	120
gtgagctgtg	agggaggaga	ggtgaggcac	tattggcaga	aaagaaaaag	aaaccacgcc	180
acggagagcg	ggacctgggt	ctcccatgga	aaaaagtgcc	ttcccatcag	tccctgcgct	240
gggccccgtg	gaccagggcg	accctgggtc	taggcctggg	tgcacctcag	gcccgcctagg	300
tgtacccca						309

<210> 1502

<211> 306

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(306)

<223> n = A,T,C or G

<400> 1502

ggactttggc	aaagagcctg	cgcaaatgct	gtcaccgata	ttccagtctg	gacccatgaa	60
aggttcaatt	ctacttcaac	aaagaaaatt	tttgagttat	aggaataagg	acggtaattct	120
gcattttgtc	tctttgtatc	ttcagtaatt	tacttgggtc	cgtcaggttt	gagcagtcac	180
tttaggataa	gaatgtgcct	ctcaagcctt	gactccctgg	tattcttttt	ttgattgcat	240
tcaacttcgt	tacttgagct	tcagcaactt	aagaacttct	gaagttctta	nagatctgaa	300
gttctt						306

<210> 1503

<211> 283

<212> DNA

<213> Homo sapiens

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<400> 1503
cattatagtt gattttgcta aatcttaatt taaaagcctc attttcctag aaatctaatt      60
attcagttat tcatgacaat atttttttaa aagtaagaaa ttctgagttg tcttcttgga      120
gctgtaggtc ttgaagcagc aacgtctttc aggggttgga gacagaaacc cattctccaa      180
tctcagtagt tttttcgaaa ggctgtgacg atttattgat cgtgatatga cttgttacta      240
gggtactgaa aaaaaatgtc taaggccttt acagaaacat ttt                        283

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<210> 1504
<211> 282
<212> DNA
<213> Homo sapiens

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<400> 1504
gagccaccgt gcctggcctc accattgtta aaattatgga aatcgtgttt gcaaagcagg      60
ttggcctgtt tggaaaaggg tgtcataatt tctcaggtaa ctccaaaaag agaaagctac      120
gaaaattacc ttaatacatt cattacagtc tcagtataag attatagctt cctctcccaa      180
agcgtaacca caacctgacg caggatgagt tggtttgaaa ataccgcata caatatcctc      240
ttgagtagaa tcataattta gaactctaaa aatgaccgga aa                        282

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<210> 1505
<211> 380
<212> DNA
<213> Homo sapiens

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<400> 1505
atggatgaag atttgtcagc ctcccaggat cactctcaag cctgactctt gatacaagag      60
aaaatgactt tattcaagag cctgatggat agatttgagc atcattcgaa cattctcctt      120
acctttgaaa ataaggatga aaatcacttg ccattggtag cacctaacaa attggaggaa      180
atgaaaagac gaatcaacaa cattttggaa aaaaatttat tctacttcta gaatttcatt      240
actacaagtg cttagttctt ggtttggtag atgaagtgaa atcaaaattg gatatttgga      300
acattaaata tgggagcaga gaatctgtgg aattattgct ggaagactgg cataaattta      360
ttgaaagaaa aagaattcct                                           380

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<210> 1506
<211> 353
<212> DNA
<213> Homo sapiens

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<400> 1506
ctgatttgga gctggctgac aggaagtgtc tcaacccac aggagtatgc tgatgtaaaa      60
cagagaagaa ttcagttccc acaacagaaa gcaaaggcct tagccttatt ttatgccaga      120
ctagctgact ccagggaacca tgatctgtgt ttctctgaaa atcattctac tttctaattt      180
ctctaaacct acaaaaactt ttctcctcct cttctctttt atcttcctcc tctataacaa      240
ccaggccttt gaaggatatc ggggtgggaa agaaaagggt ctaatagggt aatatgtatt      300
gaaagaagtc gatgaaataa attttttaaa acatcaagta aaataggcaa cac           353

```

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<210> 1507
<211> 347
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(347)
<223> n = A,T,C or G

```



<400> 1507  
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 ccatgcacca gcctccctcg cccagtgaa ccctgccaac cccaccacct ccagagcctc 120  
 acccctgcac caacactgcc gcaagagtga aactaggaag ggagaacaat ggacctcccc 180  
 taccctgagc agccacccca cctgagtgat catgcacaga gggcaggcac agacctgcac 240  
 ccgccagcac ccgaccccca tgctaatacc accaccagca cagtagccag caggggccct 300  
 caaagcagta ttgcctctgc tgctgctgtg aatgcctgca gggagggc 347

<210> 1508  
 <211> 176  
 <212> DNA  
 <213> Homo sapiens

<400> 1508  
 tgggaacaat ccaaagagtc taagtttctt ttccatccag cgtgagtctc ctatttagtg 60  
 aagtaaagct caacttttat caatagtttc attctcttgt ggtatgtaaa acctacacac 120  
 actcagaggc acccagagga aactacactc tgagggtatta gttaaattctc tgcaag 176

<210> 1509  
 <211> 334  
 <212> DNA  
 <213> Homo sapiens

<400> 1509  
 ggagtcggac tgggagtga acccagctca attcctaata ggttgaagat atgattacct 60  
 caatgcagtc tgcttatcag aaaggcatat catatcatcc ggatgtttta tatacaatgg 120  
 ttggcataca acaaaagact gttagatatg gaaggaagca agaaaatgtg accaaatcaa 180  
 gagaaaacaa aaccaaataa agaatatcca gataattgag ttagcaaatg agaaccotaa 240  
 aataactgat taacaagttt tagatgataa aagaadagag aacttccgtt ggaatctgca 300  
 gaaatggtgt aaaatgaata ttctacaact ggag 334

<210> 1510  
 <211> 331  
 <212> DNA  
 <213> Homo sapiens

<400> 1510  
 tccgataaag caagtcccac ttcattagtt ttttttttct ttatataata tgtcctaaac 60  
 attcattttt tcatgtgaaa aaatgaaatg cagaatttta ataaaatcct aattatgatg 120  
 gctgacatca caattaaaat cctgcatttt tgttttaaagg gctctttaat aatattaaat 180  
 cttagcactc aagagtcttc gtacatcatt gaaatctttt ggtcttgta ttggaatatt 240  
 cttcacgtaa gtatatcata gctaactgaa tttatttcta agtattttta cagttttatt 300  
 tcatattttg acattgtgaa ttggtttttt t 331

<210> 1511  
 <211> 434  
 <212> DNA  
 <213> Homo sapiens

<400> 1511  
 atatctacat agatcttttt gcattgattcc accgattcca tccgcacgaa ttccgttgct 60  
 gtgcctaat gtaacaaaac tattatctgg aagagccaaa atttgaactc agatctctct 120  
 ggccctacta aatgcatcac cataaattat ttcatgggca atctttccct gcaccttaat 180  
 tgattttatt ctgccaaatg tatgtgttcc tacatcttta tggaatattc tgacatggga 240  
 atgccccag gtctgtgaag actggcttct ctgggggttg atcaataaat gaaggaaaat 300  
 tttgcagggg gttatacaag atgggggggt gaagggggac aaattggtca atatagctcc 360  
 cttcaaaaac aaaccctcag tatatctttg tgatgccaaa ctagagatta tttcctttgt 420

aaaaagcaag gacg

434

<210> 1512  
<211> 423  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(423)  
<223> n = A,T,C or G

<400> 1512  
cggttggtgtc ggggaggaga gcttggaaga tgtcttatgt ccacccctg acaatgatga 60  
tgggggtaat gactttgata ttgaagatga agtagttgaa gtagaaaata gggaagaaaa 120  
cctactgaaa atttctcgca gagtgaaga gtacaaagtg gaaattttga atcctcccag 180  
ggaagggaaa aagcttttgg tgctagatgt tgattataca ttatttgacc acaggtcttg 240  
tgcagagact ggggtagaat taatgcggcc atatcttcat gaatttctaa catctgccta 300  
tgaagattat gacattgtta tttggtctgc aacaaatatg aagtggattg aagctaaaat 360  
gaaagagctg ggagtgaaga caaatgcaaa ttataagatt actttcatgt tggatagtgc 420  
tgn 423

<210> 1513  
<211> 426  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(426)  
<223> n = A,T,C or G

<400> 1513  
cggttggtggc gggggtagaa catatagaaa ttgagggtcat cgaaagtcag gaaattgaan 60  
ctcaggagggg ggaggatgat acctttctaa cagcccaaga tggtagaggaa aaagaaaatg 120  
agaaagatat accaggttct ggtgagggtg cacaagaagt atctaaacct cttccttcag 180  
aaggggagcct agctgaggct gatcacacag ctcatgaaga gatggaagct catcacgactg 240  
tgaaagaagc tgaggatgac aacatctcgg tcacaatcca ggctgaagat gccatcactc 300  
tggattttga tggcgatgac ctccctagaaa caggtaaaaa tgtgagaatt acagattctg 360  
aagcaagtaa gccaaaagat gggcaggacg ccattgcaca gagcccgag aatgatagca 420  
aggatn 426

<210> 1514  
<211> 384  
<212> DNA  
<213> Homo sapiens

<400> 1514  
catgcgccac cacacctgga tatttttttt ttttgcattt tcagcaaaaa ttggcctttg 60  
ccatgttgcc caggctggct tcaatctcct gacctcaagg gatcaaccaa cctcctcctc 120  
ccaagggggg gggattatag gtgggagcca ctacacctgg acagaattta ccttatttga 180  
attggcaaaag gggaagtcc caaaacagac catgttctac aaacttgtgt attgtgggcc 240  
aaggaattga tgcttttttg gatccgcagg agcaacaaaa ttaccctcac cttgcctggg 300  
ggcgggggct cacacctgta atcccaccac tttgggaggc caaggcagga ggatcacaag 360  
gtccagagat aaaaaccatc ctct 384

<210> 1515

<211> 413  
 <212> DNA  
 <213> Homo sapiens

<400> 1515  
 cggttgctgtc ggatcatttg aagcaaacct cagaaatcac tttattccta aatattttaag 60  
 tatgcatctc taacttatta aaattttttt ggttttgttt tttgtttttc tgagacggaa 120  
 tttcgctctt gttgcccagg ctggagtgca atggcgcaat cttggctcgc tgcaacctct 180  
 gtctcccagg ttcaagtgat tctcctgtct ctactaaaaa aacaaaaaaa atcagctggg 240  
 tgtgggtggcg ggggcctgta atctcaacta ctcgggaggt tgaggcagga gaattgcttg 300  
 aacctgggag gtggagattg cagtgaactg aaatcacgcc actgcactcg agcctgggca 360  
 actgaacgag actctgtctc aaaaaaaaaa ggccaggcat tgggggttca tgt 413

<210> 1516  
 <211> 417  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(417)  
 <223> n = A,T,C or G

<400> 1516  
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 ttgcatttct tgaaagtctt ttatcttaaa agttgtatgt ggattttcaa ctttatgttt 120  
 ttattttaaa aaataagatg tgatgttatt tttcaaagct caaaactatg tttaccctat 180  
 aagttacaag cctcctgggc cacatattca tttttaagaa gcagagaatt atgatgacat 240  
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 ccgggcgcgg tggctcacgc ctgtaatccc agcacttggg aggccgaggc gggcggatca 360  
 cgaggtcagg agatcgagac catcccggtc aaaacggtga aaccccgctc ctactan 417

<210> 1517  
 <211> 376  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(376)  
 <223> n = A,T,C or G

<400> 1517  
 taccctgcc aatgttacct ttctcaatag cgttgcattt cttgaaagtc ttttatctta 60  
 aaagttgtat gtggattttc aactttatgt ttttatttta aaaaataaga tgtgatgtta 120  
 tttttcaaag ctcaaaacta tgtttacctt ataagttaca agcctcctgg gccacatatt 180  
 catttttaag aagcagagaa ttatgatgac atatggattt caggacctct gaggggaactt 240  
 gcatgggggg accattaata ttgtatgtgc ggccggggcg ggtggctcac gcctgtaatc 300  
 ccagcacttg ggaggccgag gcgggaggat cacgaggtca ggagatcgag accatcctcg 360  
 ctaanacggt gaaacc 376

<210> 1518  
 <211> 416  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(416)  
 <223> n = A,T,C or G

<400> 1518  
 cggttgctgtc gcattatcat ggaattgaat attgcttgga tgaccgaaaa gcttttgaaa 60  
 gagatggagg attttctgaa cttcagtctc gtcttattcg ttatgaaact caaactacct 120  
 gcaccagaga aagttttcca gtacctactg tgttgagccc tcttccatct cctgtagttt 180  
 cgtcagatcc tggaaagtgc cctgacggag aagttttaca aaatgaactt cgaactgaag 240  
 tatcccgatt gaaacggaga tctaaagatc tgaattgcct ttatccaga aaaagacttg 300  
 tgaaatcctg aagttcagag tctcttcttt ctcagacaac tggtaatagt aatcactatc 360  
 atcatcatgt gacatccaga aagccacaaa cagagcgggc cttaccagtg acttgn 416

<210> 1519  
 <211> 407  
 <212> DNA  
 <213> Homo sapiens

<400> 1519  
 cggttgctgtc ggggctgttg tgagagctat aggcttggac gtaaaacaat gctagatgtg 60  
 gtgtctgtctc ctgagcttaa aagtagcttg agaaagacag tgatattatc agaaaagaat 120  
 gtgcataatg aaaagttgaa acttttataa actcactcaa aactaagttt taaaaagag 180  
 ccaccgcgcc cagcctgaga cgtgttttaa agactgactt ttgtttcttt tctagatata 240  
 aatttagaaa ttgagaagtg tattttgaaa aggcataata agaaaaacta tggcatataa 300  
 ttattttaac ttgccatatg aaaacctaag gcacagggag gtaactcgcc tacaggtgca 360  
 gccctaggaa gtcagggagc caggattcac tgtcagctga ctgactc 407

<210> 1520  
 <211> 400  
 <212> DNA  
 <213> Homo sapiens

<400> 1520  
 ggcacgagga atgaatgaag attgtcttat tagctttgga ggaagctgtc aggtgatagg 60  
 atggacagta tgttgggaaa ggtctctctg gcatgaagag gtggcatatg gaaatggcat 120  
 ctgagctgag agcataggcg ggcgagaagc cagtttgtgg caaaatgctt tctatgaacg 180  
 gaggaagtaa gtgcaaaggc cctgggggtg gaatgtgcac aatgaaacca acatggtgca 240  
 gccgagcacg gcagtgtggc ccacaggagg ctggacaccc ctttgcccca gcccatgect 300  
 tctgggcagg ccacaccgc tgtcctttct ggctgtttag aggaagtaga aatcagatac 360  
 agaaattccc acctctgttc tttgttctt tgtctcagct 400

<210> 1521  
 <211> 416  
 <212> DNA  
 <213> Homo sapiens

<400> 1521  
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 acctcaggcc gctcgggggc atgccgggat ttgttgtgtg tagagggccg ctgccgcgag 120  
 ggatgccggg atttgcagtc cttccggact acaagcaaaa tggctgcttc tegacctctt 180  
 agctggggct taggggtgtc ctggctggcc aagagtatga cctaggttca aatcctcact 240  
 ccgcaagttt cgtatctcag tttccacagt agtaaaatga gataataata gtacatataa 300  
 tcatagagtt gatgtgcgga gtacatgaat ttaaactct agagccaggg cagggcggtg 360  
 gctcactcgt gtaatcccag caatttgga ggtggaggcg ggaggatctc ttgagc 416

<210> 1522  
 <211> 417

<212> DNA

<213> Homo sapiens

<400> 1522

ggcacgagcc	tttccaagtt	ctcactgctg	gaaagagcta	gaagcacagt	tcaaagttct	60
ggcttctgga	ctctgcagtc	caggtctccc	ttctcccact	tgcctaccct	caatgccaca	120
ctgtttttga	agtggcccat	aacttgaagg	aaaagtttaa	agacagttca	atttaatcat	180
cagaatgcat	tctttttttt	ttcggagacg	gagtttcaact	cttactgccc	aggctggagt	240
gcaatgggtgc	aatgatctcg	gctcactgca	acctctgcct	cctgggttca	agtgattctc	300
cagcctcagc	ctcccgagta	gctgggatta	tgggcgcccc	ccaccatgcc	cagctaattt	360
ttggattttt	ttttttaaaa	aaaatggggg	ttccccccagg	ggggccaagt	cttggcg	417

<210> 1523

<211> 387

<212> DNA

<213> Homo sapiens

<400> 1523

ctatgctttc	tggaactttg	cccttttagca	aagtaaattg	ctcatcattt	ccggaacatg	60
cagtgttggt	tcttgctcct	gctccctttt	cctggaatgg	ctgcccctgt	tcctccacct	120
gaaacatcct	tcttccttct	tcagggtccc	agcaggttgt	ctactacccc	catgggcttt	180
gcacacacct	gcactgtagt	atgtgttgca	ctgtgtggtc	atggtttcca	ggttgattgc	240
agacagcaag	cctgggagtt	tctggagatc	tcaagagtga	ggctccttca	gctgtgtgcc	300
tccatgcctc	acctattgcc	tcacctgcaa	caggtgctca	acaagtgttt	gctgttaagt	360
aaaagtgaag	gggtgggtgac	aaaaaca				387

<210> 1524

<211> 404

<212> DNA

<213> Homo sapiens

<400> 1524

gcttgccagt	ctttgctttg	ataggtgggt	tttgcttagg	ctacgataaa	ttgtttcatc	60
ttttctaaag	agggatgagg	aagtatttac	tttgtgagat	tggaaaaccg	tgtggttggt	120
gtggaaaata	agcatgttat	taataaacag	ctagtcttgt	gctccatact	cttggttgga	180
aggtagaaat	aaccttgcc	ctattgctga	gatttaaaaa	aataaaaagc	taggctacta	240
cccggtgcct	cctcgtccac	aacacaggca	caggggtggca	ggtagtgatg	agaaacaggc	300
tgccaagatg	gtccctggat	gactaggagg	tgtgtgatgt	gcgtccagtt	gtctggatgg	360
ggcaactgga	atccttcatt	gtgtgggttca	tgcttgtgtg	tgca		404

<210> 1525

<211> 416

<212> DNA

<213> Homo sapiens

<400> 1525

cagaacccaa	agcgggaagca	ggctccaggt	ctcggagctc	atccagcaca	cctacgagcc	60
cgaagccct	cctgcagtc	cccaaacc	gtctggcagc	acggcccgtc	atcccgcaga	120
aaccaagaac	cgctcacgg	cctgatgaca	ttccagactc	tccatctagc	ccgaaagttg	180
cccttcttcc	acctgtcctg	aaaaagttc	cttcagacaa	agagagagat	ggccagagta	240
gccccagcc	cagccccagg	acattttcac	aggaagtttc	aaggagaagc	tggggccagc	300
aggcccagga	gtatcaagaa	caaaagcaac	ggctcctccag	taaagatggc	catcaaggca	360
gcaaatctaa	tgactccggg	gaagaagcag	aaaaagagtt	tatttttgtg	taaagg	416

<210> 1526

<211> 408

<212> DNA

<213> Homo sapiens

<400> 1526

ctctgcctcg	gccggttaagg	ccgaggacga	ggttgaagga	tggccgagag	gagaccgagc	60
gtgaggggtc	cgggggcgag	gaggcgagc	gagaagtccc	cagcgctggg	ggagaagagc	120
ctgccgagga	ggactccgag	gactggtgcg	tgcctgagc	cgactaggag	gtggagctgc	180
ctgcggatgg	gcagccctgg	atgccccgc	cctccgaaat	ccagcggctc	tatgaactgc	240
tggctgcca	cggctactcg	gagctgcaag	ccgagatcct	gccccgccgg	cctcccacgc	300
cggaggccca	gagcgaagag	gagagatccg	atgaggagcc	ggaggccaaa	gaagaggaag	360
aggaaaaacc	acacatgcc	acggaatttg	attttgatga	tgagccag		408

<210> 1527

<211> 413

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(413)

<223> n = A,T,C or G

<400> 1527

cgttgctgtc	gccacaaagc	tattagtagt	taatcatata	aaacttacct	gcttggagaa	60
gaacgttgga	aaattttgct	gctttagcaa	aaacttgata	aaagtgaggc	atttgaaaaa	120
aaggcatttg	ttgctgtgga	actcacattg	ttaatcatca	gtaggtttat	atgtaaaaac	180
ttggaatggt	cttgaaattc	tcaaaatggt	ataggaatta	ttttataaaa	tggtttattt	240
tottacatgc	tgttttggt	tttctacctt	actctttgtg	cttaaaagga	gaaaggctct	300
tactaaaacc	acttcccttg	tttctttata	gaatttacaa	cgggaatgat	tttaccacg	360
aaagctatgg	caaccaggga	attgactgtc	aaaagaaaac	tgagtgggaa	tan	413

<210> 1528

<211> 164

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(164)

<223> n = A,T,C or G

<400> 1528

tccttannaa	atcactccct	gacttaaatt	ttaaatagtg	ccttgactat	cttttacagg	60
aagggaatag	attacatata	tcanaattgt	ttcattcatt	tttaaataat	tggaaaactc	120
ttaaaaatac	cacaggaggc	tgggtaccgg	gggtcatgc	ctcg		164

<210> 1529

<211> 405

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(405)

<223> n = A,T,C or G

<400> 1529

cgttgctgtc	gggaggagct	ggaacaggag	aggaatcact	ggcagtctga	attcaagaaa	60
------------	------------	------------	------------	------------	------------	----

gtccaacatg	aattggatgat	ctacagtacc	caggaggcgg	aaggcttgta	ctggagcaag	120
aaacacatgg	gttatcgcca	agctgaattc	cagattctga	aagctgagct	ggaaagaacc	180
aaagaggaaa	agcaagagtt	aaaagagaaa	ctgaaggaaa	cagagacaca	cctggaaatg	240
ctgcagaagg	ctcaggtctc	ctaccggacc	ccagaggagg	atgacctaga	aagggctttg	300
gcaaagctta	cgcggtacg	tatccacgtc	agctatctcc	ttactttctgt	cctccctcac	360
ttggagcttc	gngagatcgg	gtatgactca	aaacaagtgg	atggt		405

<210> 1530  
 <211> 402  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(402)  
 <223> n = A,T,C or G

<400> 1530						
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gagctcctgc	ctcagttccc	cagctccctg	gccacggtgt	ctgcctctgt	gcagagtgtg	180
cccacccaga	ctgccacact	tctgccacca	gcaaaccac	cgctgcctgg	cgggcccggg	240
atcgccagcc	cttgcccaac	tgtccagctg	acggtggaac	cagtccaaga	ggagcaggcc	300
tcacaggaca	agccgcccgg	cctcccgcag	agctgtgaga	gctantgagg	ttctgatgtc	360
acttctggaa	aagagctgag	tgacagctgt	gaaggcgctt	tt		402

<210> 1531  
 <211> 407  
 <212> DNA  
 <213> Homo sapiens

<400> 1531						
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ttgtattttg	aagacaggaa	aatgccccct	tctgctttcc	tttttttttt	tgggaaacaa	180
agattggctt	tgttgcccag	gcggaggggc	gaaacaacaa	tttgggtttt	accggaacc	240
tcggtttcgg	gggttaaggc	aattttccgg	cctaaccctc	caagagtttg	ggagataccg	300
gcctggggcc	cccccccggg	gggagatttt	ggtttttata	aaaaaaaggg	gttaaccatt	360
gtggcagggc	gggtctaaac	tcccagacca	tgggaaccgc	cctcccg		407

<210> 1532  
 <211> 416  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(416)  
 <223> n = A,T,C or G

<400> 1532						
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gaagtcagca	aacctcaggg	ctgtcagagc	agattgatgg	gagcgctttg	tcctgctttt	180
ccacacacca	gaacaattcc	ttgtgtaatg	tatttgca	tcaacctaat	aaaagtgatg	240
caaccaatta	tgctagccac	tctcctcctg	taaacagggc	otaaacgcc	gctgctactc	300
taagtgcgtg	tcagaattta	gtggttgaag	gactgcgatg	tgtagttttg	ccagaagatc	360

tttggccacaa atttctgcaa ctggcagaat ctaatacagt gagaggaata gaaacn 416

<210> 1533

<211> 408

<212> DNA

<213> Homo sapiens

<400> 1533

ggcacgagggc	aagacggcgg	tgaagaaacg	gaatctgaat	ccggttttca	acgagactct	60
ccggtactcc	gtcccgcagg	ccgagcttca	gggcccgcgtg	ctgagcctgt	ctgtgtggca	120
ccgcgaaagc	ctgggtcgca	acatctttct	gggcgaagtt	gaagtgtccc	tggacacgtg	180
ggactggggc	tctgagccca	cctggctccc	cctgcagccc	cgggtccccc	cctctcccca	240
cgaccttccg	agccgcgggt	tactcgccct	gtccctcaag	tacgtccccg	ccggtccga	300
gggcgagga	ctgccccga	gcggggagct	gcacttctgg	gtgaaggagg	ctcgggacct	360
cctgcccgtg	cgggcaggat	ccctggacac	ttacgtacaa	tgcttcgt		408

<210> 1534

<211> 412

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(412)

<223> n = A,T,C or G

<400> 1534

caaagaaggt	acccctggga	gcccacgga	gacccagggc	cccagcccag	caggacctgc	60
aggggacgag	ccagccgaga	gcccacgga	gacccagggc	ccccgcccag	caggacctgc	120
aggggacgag	ccggccgaga	gcccacgga	gacccagggc	ccccgcccag	caggacctgc	180
aggggacgag	ccagccaaga	ccccacgga	gacccagggc	cccagcccgg	caggacctac	240
aagggatgag	ccagccgaga	gcccacgga	gacccagggc	ccccgcccgg	caggacctgc	300
aggggacgag	ccagccgaga	gcccacgga	gacccagggc	ccccgcccgg	caggacctgc	360
aggggacgag	ccagccgaga	gcccacgga	gacccagggc	cccagcccgg	cn	412

<210> 1535

<211> 412

<212> DNA

<213> Homo sapiens

<400> 1535

cggtgctgtc	gcccctcgcc	tcgtctctat	ggcccctggg	ggctggaggc	cttgcccgga	60
ggagacctga	tgccctgcacc	tgctgacccc	acagccaggg	agggcctggc	agccccaccc	120
aggagacttc	gctctaggaa	ggtgtcctgc	cctctcacac	gtagcaatgg	ggacctgtct	180
cgttccctga	gcccctcccc	actgggctct	tcagccgcca	gcaactgcctt	ggaacggccc	240
agcttcttat	cccagacagg	acacggagtc	tcccggggtc	cgagccctgt	ggtcctgggc	300
tcccaggatg	ccctgcccac	agccacagcc	ttcacggaat	atgtccacgc	ctactttcgt	360
gggcacagcc	cccagctggc	tggtctcgagt	aacttgggga	gctgaccatg	ac	412

<210> 1536

<211> 412

<212> DNA

<213> Homo sapiens

<400> 1536

ggcacgagcc	tcggcctcgc	tgtcttctgc	agccgctact	ggaacctcca	cctcgactcc	60
agcgcccccg	acagcacgga	agcatctgga	taaagaacag	gttagaaagg	cagtggacgc	120



tctcttgacg	cattgcaagt	ccaggaaaaa	caattatggg	ttgcttttga	atgagaatga	180
aagttttattt	ttaatgggtg	tattatggaa	aattccaagt	aaagaactga	gggtcagatt	240
gaccttgccct	catagtattc	gatcagattc	agaagatata	tgttttattta	cgaaggatga	300
acccaattca	actcctgaaa	agacagaaca	gttttataga	aagcttttaa	acaagcatgg	360
gattaaaacc	ggttctcaga	ttatctccct	ccaaactcta	aagaaggaat	at	412

<210> 1537

<211> 385

<212> DNA

<213> Homo sapiens

<400> 1537

cgttgctgtc	ggcacaagcc	aatttttccct	atgatcaaaa	aattctttct	ttcctctgag	60
tgagagttat	ctatatctga	ggctaaagtt	taccttgctt	taataaataa	tttgccacat	120
cattgcagaa	gaggtatcct	catgctgggg	ttaatagaat	atgtcagttt	atcacttgct	180
gcttatttag	ctttaaaata	aaaattaata	ggcaaagcaa	tggaatattt	gcagtttcac	240
ctaaagagca	gcataaggag	gcgggaatcc	aaagtgaagt	tgtttgatat	ggtctacttc	300
ttttttggaa	tttctgacc	attaattaaa	gaattggatt	tgcaagtttg	aaaactggaa	360
aagcaagaga	tgggatgcca	taatg				385

<210> 1538

<211> 396

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(396)

<223> n = A,T,C or G

<400> 1538

cgttgctgtc	gggccatctt	gtcttgtctt	attcagggca	gnnggaagctt	taccacttct	60
ctactcttct	tcatgttatt	gaagcccagc	taaaatgaac	caacttagaa	tataaaatta	120
ttttaatatt	tcttcatctg	acttctaata	ccattgttct	ttttgctgta	tctgaagata	180
gtcccaactt	ctcaaataatg	ttattaattt	ctgggctgta	aaatgaatat	ggaagagggga	240
ctcaaatttt	gtaaatgctg	tggggttaca	aatcaccaat	tgtcctctgc	ctctgtgttg	300
cctcagccta	cgcgaagacc	tccctacaca	cacacacaca	cagacacaca	catccctgaa	360
gtcactctaa	atatcagtaa	ttatgaaagt	ggccccg			396

<210> 1539

<211> 393

<212> DNA

<213> Homo sapiens

<400> 1539

cgttgctgtc	ggtccatctt	gtcttgtctt	attcagggca	gtggaagctt	taccacttct	60
ctactcttct	tcatgttatt	gaaccccagc	taaaatgaac	caacttagaa	tataaaatta	120
ttttaatatt	tcttcatctg	acttctaata	ccattgttct	ttttgctgta	tctgaagata	180
cacccaactt	ctcaaataatg	ttattaattt	ctgggctgta	aaatgaatat	ggaagagggga	240
ctcaaatttt	gtaaatgctg	tggggttaca	aatcaccaat	tgtcctctgc	ctctgtgttg	300
cctcagccta	cgcgaagacc	tccctacaca	cacacacaca	cagacacaca	catccctgaa	360
gtcactctaa	atatcagtaa	ttatgaaggt	ggc			393

<210> 1540

<211> 392

<212> DNA

<213> Homo sapiens

<400> 1540  
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 ttatctatat ctgaggctaa agtttacctt gctttaataa ataatttgcc acatcattgc 120  
 agaagaggta tcctcatgct ggggttaata gaatatgtca gtttatcact tgtcgcttat 180  
 ttagctttta aataaaaatt aataggcaaa gcaatggaat atttgcagtt tcacctacag 240  
 agcagcatat ggaggcggga atccaaagtg aagggtgctg atatggccta cttctttttt 300  
 ggaatttcct gaccattaat taaagaattg gatttgcaag tttgaaaact ggaaaagcaa 360  
 gagatgggat gccataatag taaacagccc tt 392

<210> 1541  
 <211> 359  
 <212> DNA  
 <213> Homo sapiens

<400> 1541  
 tgggagagat ataaacaaat aaggaaaata gtttgcataa ctgacttaga acagaatact 60  
 gaaatcagtc cagcataatg catgagcaag ttagtaagaa gattagattg gctggcattg 120  
 aggcaaatgt aaagttaatt tgggaatttg cagactatac tgtggatata aaaaaatgac 180  
 tagagccaga ccagccaggt ttaaatccta gctcttccat tctactgagca ctcacacaag 240  
 tcacttactc tctgcactta cctcatccat agcactgttg cgaggattaa aggaggcaat 300  
 gcttgtaaaa ttcttataac agttcctgta cataaaaaat tatccataag ggccgagcg 359

<210> 1542  
 <211> 355  
 <212> DNA  
 <213> Homo sapiens

<400> 1542  
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 ttatttttaa aacaaataag atacttacat tattaacaga agagcatact ggtttcgggc 120  
 cataaaatct ttgggaaggg acaactgtta aggaagttct tttaaagaaa gagcaaaata 180  
 ttaaagatgg agagtcattt acaggtaaaa ctataagacg cagagaaagt tgttcttgaa 240  
 taacatagca tgcacaaaat tttaccatag tcgtcaatat gaaggatttt aatttctggc 300  
 tttcctatct tcttcttcag gatagcttcc ttcagcatag aattgctttc caatg 355

<210> 1543  
 <211> 357  
 <212> DNA  
 <213> Homo sapiens

<400> 1543  
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 atggagtagt tgcattgcat ttggcttatt catcttttaa gtctcttctg tattttacta 120  
 gctccttttc ttttcttgcc atttgcacg tagagttttt ctattttaga tattttattt 180  
 tgttttatcc ttgtggcgat gtgaatttta tttccattgg tgataaaggc caatttaagc 240  
 tatgtgattt cttttggtat actttgaata agaaaatata gaatgacaac aaactactat 300  
 aaattcagta acagattcaa ttttaatttg atttcatgtg agcaaaacag ctgaaaa 357

<210> 1544  
 <211> 360  
 <212> DNA  
 <213> Homo sapiens

<400> 1544  
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acttactttca	cgataatttta	gtatgattat	ttctttctaca	gttttttgcta	taagaggccg	180
aacccttcc	tgtcctaatac	taaaaataacc	acagtacacc	ctccccaaca	tgaccgactc	240
ttcagcatat	aaaatgctaa	ctaagctttt	ccgaatgcac	aatttgggg	ttttcctttc	300
ttctttcttta	tacatgtcta	tattgggttg	cttttggttt	ggtttgatcat	ttttctacca	360

<210> 1545

<211> 384

<212> DNA

<213> Homo sapiens

<400> 1545

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tctgaagaat	ttggtgaaaa	tgaagaagaa	aatgtgcatt	ccaaggagtt	actctctgca	120
gaagaaaaca	agagagctca	tgaattaata	gaggcagaag	gaatagaaga	tatagaaaaa	180
gaggacatcg	aaagtcagga	aattgaagct	caagaagggtg	aagatgatac	ctttctaaca	240
gcccaagatg	gtgaggaaga	agaaaaatgag	aaagatatag	cagggttctgg	tgatggtaca	300
cagaagtat	ctaaacctct	tccttcagaa	gggagcctag	ctgaggctga	tcacacagct	360
catgaagaga	tggaagctca	tacg				384

<210> 1546

<211> 369

<212> DNA

<213> Homo sapiens

<400> 1546

ctcgagccca	cgtgacgcct	tctagaaccc	tcacacctcag	gccgctcggg	ggcatgccgg	60
gatttggtgt	gtgtacaggg	ccgctgccgc	gagggatgcc	gggatttgca	gtccttccgg	120
actacaagca	aaatggctgc	ttctcgacct	cttagctggg	gcttaggggtg	tctctggctg	180
gccaaagata	tgacctaggt	tcaaactctc	actccgcaag	tttcgtatct	cagtttccac	240
agtagtaaaa	tgagataata	atagtacata	taatcataca	gttgatgtgc	ggagtacatg	300
aatttaaaaa	tctagagcca	gggcagggcg	gtggctcact	cgtgtaatcc	cagcaatttg	360
gaagggtggg						369

<210> 1547

<211> 355

<212> DNA

<213> Homo sapiens

<400> 1547

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agtggcttca	gggaggggag	gtggtgggat	tcctactgaa	gaggagaagg	aatgagcagc	120
tggtaatgga	gtggaaaaac	ggggatgcag	tgcacccttt	caaaagttgg	tgatgaccag	180
cagtatgaga	gagagaaaat	agtagtggag	atgaggggtg	ggtataaaaa	acaccccgaa	240
tttttttttt	agaaaaaaat	ggcttttaaaa	aagtatggta	aaaatttttg	taacaatttg	300
gtgtttctat	tttagcacca	ttttgttata	aatgttgttt	ttttttttatt	cgcga	355

<210> 1548

<211> 363

<212> DNA

<213> Homo sapiens

<400> 1548

atctaaat	gtcagcaaat	taaagagttt	gagattggga	attgagataa	agctatttag	60
ttcttttatg	tttaataaat	ttacttcatt	ctgaaatctt	ataaatggat	tctcaacttt	120
caagtagtat	tctccagata	gaagaagagg	tggttgctgc	tcatgtagat	ctataaatat	180
gcggtgtatg	ccttttgtgc	ttctttctcc	gaaaaggacc	accccttttt	tccctctctc	240
cgatttcttg	tcacctttct	cgtccttggc	tgcattccatc	ccccttccgt	tatcccgctc	300

tcgcgtcccg tcttttttct cctgctgtct atcactcttg cctgcttccc cgtcgggtta	360
ccg	363

<210> 1549  
 <211> 356  
 <212> DNA  
 <213> Homo sapiens

<400> 1549	
taaacgccag atggaagaga tgcatatatc aggaagggtg tgagggaagg ggcattggggc	60
cagccactct ccaggaacct gcatgcgttc agctactcag aagctcgtga cgggcaatgc	120
taatatgaat atttatctct ttttaagtctt atcatttttc tatcatttct tgatgctaaa	180
acctgcttta taacacacag ttgactcttg aacaatacag gttcgaactg catgagtcca	240
cttatatgca ctgttttttc aataaatata gcgagagtct tttggaaatt tatgacaatt	300
tgaaggaact gtcagatgga ccacatatgg taaaaatata ataagaatta ctaaag	356

<210> 1550  
 <211> 381  
 <212> DNA  
 <213> Homo sapiens

<400> 1550	
cgttgctgtc gcctaaggta gcaaaactag tagctggaag agccaaaatt tgaactcaga	60
tctctctggc cctactaaat gcatcaccat aaattatttc atgggcaatc tttccctgca	120
ccttaattga tttatttctg ccaaagtat gtgttcctag atctttatgg aatattctga	180
catgggaatg cccccaggtc tgtgaggact ggcttctctg gggttgtatc aatagatgaa	240
ggaaaatttt gcagttgttt atacagttag gggggttgag gtggtacaat ttgcacattt	300
ttgttccttt catagcaaatt tcttcagttt tctttgatga ggccaagcaa taaatttttt	360
cctttcttac gagcaaatac t	381

<210> 1551  
 <211> 377  
 <212> DNA  
 <213> Homo sapiens

<400> 1551	
ggcacgaggg gaacgtggct ttccctgcag agccgggtgtc tccgcctgcg tccctgctgc	60
agcaaccgga gctggagtcg gatcccgaaac gcaccctcgc catggactcg gccctcagcg	120
atccgcataa cggcagtgcc gaggcaggcg gccccaccaa cagcactacg cgcccgctt	180
ccacgcccga gggcatcgcg ctggcctacg gcagcctcct gctcatggcg ctgctgccca	240
tcttcttcgg cgccctgcgc tccgtacgct gcgcccgcgg caagaatgct tcagacatgc	300
ctgaaacaat caccagccgg gatgcgcgcc gcttccccat catcgccagc tgcacactct	360
tggggctcta cctcttt	377

<210> 1552  
 <211> 397  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(397)  
 <223> n = A,T,C or G

<400> 1552	
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cagctagaat cggagcagtt tctgtttttc gaagatcaac tcaagaagca agagttagcc	120

cgagggtcaaa	tgcgaagtca	gcaaacctca	gggctgtcag	agcagattga	tgggagcgct	180
ttgtcctgct	tttccacaca	ccagaacaat	tccttgctga	atgtatttgc	agatcaacct	240
aataaaagtg	atgcaaccaa	ttatgctagc	cactctcttc	ctgtaaacag	ggccttaacg	300
ccagctgcta	ctctaagtgc	tggttcagaat	ttagtgggtg	aaggactgcg	atgtgtagtt	360
ttgccagaag	atctttgcc	caaatttctg	caactgn			397

<210> 1553

<211> 396

<212> DNA

<213> Homo sapiens

<400> 1553

cgttgctgtc	ggaggaagga	gattctggcc	aagctggaga	agctgcggaa	agtaacaggc	60
aacgagatgc	tgggcctcga	ggagggggac	cttgaagacg	acttcgaccc	tgcccagcac	120
gaccagctca	tgcaagaagt	ctttggggac	gagtactacg	gggccgtgga	ggaggagaag	180
ccacaattttg	aggaagaaga	agggcttgaa	gacgactgga	actgggacac	gtgggacggg	240
cctgagcagg	agggagactg	gagccagcag	gagctgcact	gtgaggaccc	caacttcaac	300
atggacgccg	actacgaccc	cagccagccg	aggaagaaaa	agcgcgaggc	ccccttgacg	360
ggcaagaaga	agcgcaagtc	gcccttcgct	gcgggc			396

<210> 1554

<211> 386

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(386)

<223> n = A,T,C or G

<400> 1554

cgttgctgtc	gccaatgtgc	ccttcctggt	ggccctggcg	ctcctgagct	ccgtcctggt	60
gggccttgct	ctggtecccc	gcctcctgca	ggggccgctg	gcgctgagga	acatcactga	120
caccggcttc	aagctgctgc	tgctgggtct	ggtcaccctc	aacttcgtgg	gggccttcat	180
gctggagagc	gtgctagacc	agtgcctccc	cgccctgectg	cgccgcctcc	ggcccaagcg	240
ggcctccaag	aagcgcttca	agcagctgga	acgagagctg	gccgagcagc	cctggccacc	300
gctgccccgc	ggccccctga	ggtagtgcag	gcccacgggc	accccagaca	ctggaactcc	360
ctgcctctga	gccaccaact	ggaccn				386

<210> 1555

<211> 392

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(392)

<223> n = A,T,C or G

<400> 1555

ggcagcaggc	aagctagggg	ttcgcccccc	tgctcttggt	caggaaacct	tctggcgaat	60
tccagccaag	ctgagtccta	cccagctccg	gagggcagca	gcttctttga	gtcaaccaga	120
ggaggaacag	aagctgcagc	cagagctgca	gcctaaagtc	cctggagagc	aaggctctga	180
tgaggagcac	tgtaaagagc	accgagcaca	agccctgagg	gccctcttgc	tagcccacaa	240
gaagaaagcg	ggcctggcat	ccccagagga	ggaagacgct	gttggtaaag	agccgctgaa	300
ggcagcacc	aagaaacgac	aattgctgga	cagcgacgag	gaacaggaag	aagatgaggg	360
caggaacaga	gcaccagagt	tgggagctcc	an			392

<210> 1556  
 <211> 261  
 <212> DNA  
 <213> Homo sapiens

<400> 1556  
 ctgactttcc ttatcaacat cccagaaagt cttcagcttt aataatgctt cgccttcctt 60  
 gcttttctag aatcatattc taaaaagaca aagcaaaaca gataaaccag tgtccctaatt 120  
 acaatatatt catttaaaac attctaacat cttgggatgc tctgatactt ggtcttattt 180  
 ttctaattctc cttatattta ccatcaaaag tatatgtgtt gagcatggta ctagtataaa 240  
 aagcacatag accaatggaa c 261

<210> 1557  
 <211> 331  
 <212> DNA  
 <213> Homo sapiens

<400> 1557  
 tacggctccg agacgacgac agaagggctg aaggaaaaac agatccctcc ttcttgtttg 60  
 actttgtata gaatgaattt taatgtaact gagccacct ttagtatagc tttttctcat 120  
 tataaataga agtgggttgc agtattcttg cttgcctttt aaaatagcaa acatttagtg 180  
 ataaaaatct tgttctgttc tctgtatgtc agtttattca tctgtaaagt agagacaata 240  
 atagcatcta tttattacaa gcaattgtta aaattaaaaa caggctgggc gcggtggctc 300  
 ccgcctgcaa tcccagcact ctgggaggcc a 331

<210> 1558  
 <211> 335  
 <212> DNA  
 <213> Homo sapiens

<400> 1558  
 caggctccgaa gttggacceca ctattcctct ggggcaaact gacattggct tgattgggca 60  
 tgggtggctaa ggccctggctt tatagcactc cgttatgacc tggaatgtgc atcacttcaa 120  
 caacagatgc attcatctta cggccaaca tgaggaagac gtgtgtcatg ttaaatacaa 180  
 aaattatcct ggcgtgggtgg cacataacct cgatcccagc tactcaagag gctgaggcag 240  
 gagaatcact tgaaccagg aggcagaggc tgcagtgagc caagattgca cactgacact 300  
 ccagtctggg cgacagagag agagagactg tctca 335

<210> 1559  
 <211> 371  
 <212> DNA  
 <213> Homo sapiens

<400> 1559  
 taccgctgog agaatacgac agaagggaaa ctatctgaac tggctttatt cactcttcag 60  
 catatttaag ttggatttca acctctgtca ttccactgaa atcactcttg tcaacaacct 120  
 tcatgttgtc aaattcaaaa cacagtcttc tgcctccgt gtcattttt tcaacagtcc 180  
 ctgcttgccc tttaaaggac ttcttttgc tcaagttacc ttttaggtat tgtcatagtc 240  
 ctctggcttc tcatgagcag gatttggcag ctcttctgtat tctatcagtt cgccaaatag 300  
 atatttgaga tgacatcaca agttctcttg tctttctact tatttttaaa gatggatatc 360  
 acacattttt t 371

<210> 1560  
 <211> 331  
 <212> DNA  
 <213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(331)
<223> n = A,T,C or G

<400> 1560
gcactacaca tagttatttc tgaaaagaaa tcagtatgta aatagaaatc caacagaaat      60
gatagggtgta ctatcaattc tttattgttg gggtcgaaag caatcacttg aggttaaaag      120
ataatttttaa aatattaata ttctcatatt tactattttg gtcccaatgc atgtgtatac      180
caaaatagta atatgtagca cacatgattt aattgctctt ttcaaaaaca cttaaaagga      240
atctatgttt aaagaatatt cacataatca tacaggcatg gtggctcact cctgtaatcc      300
cagcactttg ggaggccgaa gtgggtggat n                                     331

<210> 1561
<211> 338
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(338)
<223> n = A,T,C or G

<400> 1561
acaaggggtaa ggaattagtg tgctaattgt ctctgcttac aaagtgggaa gtcagttggc      60
tttctagggg ggctgggaca aaatatgaga cttaagcatg ttgattaaag atacagaggt      120
gaccagtaga agaactaaga atagtgatgt cactatgggg gagaggggta gatgagctaa      180
attcttgctt ttcatagcag taggttaaaa gtaaatgtcc aaagctgatt agtaagaaat      240
agcagttgag ggcacgggtg ctcatgcctg taatcccagc actttgggag gctgaggcag      300
gtggatcacc tgagttcagg agttgagact aacctggn                             338

<210> 1562
<211> 343
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(343)
<223> n = A,T,C or G

<400> 1562
gatatctgaa aaggagggta atcgatagct tttacatagt acaactgctt tatectttca      60
aaagcagata cgtcaatcaa aacttgatat ttatttatct atatttatgc tgagttccct      120
taaaatgttt tgtctttttc catataacca atcatattat ttcttaaaaa taaacttagg      180
tattgtcaca gggatagtaa cttctgcttt ccatattgtg tgtgtgtgta ttttgttttg      240
tttcgttttt ttgagatgga gtctcactct gtcgctaggc tggagtacag tggcgctatc      300
ttggctggga ttacagggtg gagccacggc gccagcctg tcn                             343

<210> 1563
<211> 344
<212> DNA
<213> Homo sapiens

<400> 1563
agaatcccag aagagaaatg gaaatcataa gagaacaaaa ttgaaattct agaactgaaa      60

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atataatatc	agaaaagaaa	aaaaaattac	tcaatggaaa	ttagagatga	ttagacactt	120
cgaagaaaag	tatcagtctc	actcacactg	aagaacagag	aataaaaagat	agaaaatatt	180
aaccagactg	cagagaactg	tgggacaata	gcaagctgac	tgaaatatgt	gtgattgaaa	240
taccagaaaag	aaaagagaga	gagagagcat	gaagtaaaat	atTTTTTaaaa	gaaataggat	300
TTTTtaggccg	ggcgtggtgg	cttacaccta	taatcccgag	actt		344

<210> 1564

<211> 332

<212> DNA

<213> Homo sapiens

<400> 1564

ctcgacccca	cgtcacgcct	totagaaccc	tccacctcag	gccgctcggg	ggcatgccgg	60
gatttgttgt	gtgtagaggg	ccgctgccgc	gagggatgcc	gggatttgca	gtccttccgg	120
actacaagca	aaatggctgc	ttctcgacct	cttagctggg	gcttaggggtg	tctctggctg	180
gccaagagta	tgacctaggt	tcaaatacctc	actccgcaag	tttcgtatct	cagtttccac	240
agtagtaaaa	tgagataata	atagtacata	taatcataga	gttgatgtgc	ggagtacatg	300
aattttaaca	tctagagcca	gggcagggcg	gt			332

<210> 1565

<211> 343

<212> DNA

<213> Homo sapiens

<400> 1565

ttctaattag	tagaaataag	ggctaaggaa	tctttggatc	actgaaatct	aactattctt	60
taattgaaat	gtgggtatgt	ttctgactta	tagtaagaac	taaaatgaat	tctatttatt	120
ctcaagttag	agcaaagaga	aaaattttta	atggcataat	aaagagctta	taaaacaaaa	180
tatgaggatt	ttggaaaatc	atTTattgaa	atagtactag	gatatttaga	agtatttaga	240
agcttaaatt	aattggcttt	tctttatgac	attatctcta	ttacgataat	attatattat	300
TTTTtaataa	aggccctaata	ggaaatctca	aataggggtg	gtt		343

<210> 1566

<211> 375

<212> DNA

<213> Homo sapiens

<400> 1566

cgttgctgtc	gatagagagg	agataacttt	actaaaatca	tacaacacag	aattagatta	60
atcctagcag	agctaatactc	agacctttac	tcagactttt	tctgtagctt	tagtctagaa	120
gttggcaatt	catctattat	ttgtcactga	ttcctagcat	gattttagtc	aaattcttta	180
ttcttattgt	gcctcagatt	ctacctatat	aaaatatatg	tgacttaaaa	tattcataaa	240
gataataaga	acaacttcaa	tttctatTTT	atTTTTtactt	acaatagttt	tcactttcac	300
atacattacc	ctacttaatt	ttccccatat	tatggatgag	gaagttaaag	ctctatgtgg	360
tagatgtcac	atcca					375

<210> 1567

<211> 141

<212> DNA

<213> Homo sapiens

<400> 1567

gaggaattaa	gtgagtaaaa	aaggcaagct	acagagtggg	agaggatatc	aaggatacat	60
gtatctgaca	aataatttat	acagaatata	TTTTTaaact	ctcaaaaatc	aatacacaaa	120
agacaagcta	ccctccaaaa	c				141

<210> 1568



<211> 327  
 <212> DNA  
 <213> Homo sapiens

<400> 1568  
 tcctcaaata tcttcttgct ctggaagcct aaagtgactc cctacacaga gggagtagaa 60  
 ctgtcttgctg gtttctcaag cacagctctc tattttaatg catatatgaa gctgtctttc 120  
 atctgtgcag atgtttgctc tgccagactg tgagctcctt gaagggtggg attttgtctg 180  
 gttgtttttt cccagaata agaatgctgg gtatatacat gtctagataa tggtttagat 240  
 ggatggatag atggggaatg aatggatgag tatatgtatg ggggggtata aggaagggcc 300  
 tcgttttttc tgccggaaac acactct 327

<210> 1569  
 <211> 344  
 <212> DNA  
 <213> Homo sapiens

<400> 1569  
 gcctctcact cataggaggg gccagggaaa gagggaggag gcaagaaggg gaaggagcac 60  
 aaggagtgtg ggtgaggggt gtaaccatga gggcaggcag ggggcaggac ggaaggcagg 120  
 agggcctggc caggggaggg ctcaggagga tgagcaggag gcgagaggag acagactatg 180  
 aggccagagg gagaccctca cctgagaatc tcctttagcg tgcgggtgcag gaatgcataa 240  
 ttgtcatcga atttgtacca aggcataaat ggctgacctt cactgtacac aaagttttcc 300  
 cagcagtatg caaattctga gacgaagagg caggaagcag tcag 344

<210> 1570  
 <211> 321  
 <212> DNA  
 <213> Homo sapiens

<400> 1570  
 agtcatataa cccaactatt taagtaatta tcaagttgct tcacttctat gtgccttaaa 60  
 ttctctggtt gtttaattgag ggttataaca acactgacct cataagggca ttctgaagat 120  
 tagatgaatt tatacgtagg tagtaattaa aacagttttt agtacacaga aaagtactta 180  
 gtaattttta gctgttatta ttactagaag ttcattcttt tgttcattaa ttcagaggc 240  
 acagggtgct ttctcggtgt ttggcatata taaaacacca taataaatga ggtccatat 300  
 tcttatgcag agtgagaaga a 321

<210> 1571  
 <211> 345  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(345)  
 <223> n = A,T,C or G

<400> 1571  
 tacggttggt atagacgaca caaaggatca ttaaattaca ttttaaaatg ttaacaacta 60  
 caagcagata catctgggat attggttatg agaggatata attttctttt cttaccataa 120  
 ataaatatta tttattttat tgaaattgtg cttttaagaa tgctatagaa aattcaaaa 180  
 gaggacaggt gcagtggctc atgcctgtaa tcccagcact ttgggaggcc gaggcagggtg 240  
 gatcacctga ggtcaggaat tctaaacctt gccagtatgg gtgaaacccc gtctctacta 300  
 aaaaatacaa aaagttacca ggcttggtgg catgcccctg tagan 345

<210> 1572

<211> 313  
 <212> DNA  
 <213> Homo sapiens

<400> 1572  
 gtagtcctag ctattcatca agctgaggtg ggaggattgc ttgagcctga aaggtcaagg 60  
 ctgtagtgag tcatgatcat gccactgcac tccagcctgg gtgacacagc aagacctgt 120  
 ctcaaaaaaa taaaaaatta actaaataat tttttctcag ttttaattcc taatataaac 180  
 accaatagat ataacaaact gaaacaaaag ttcttttaggg tgcccaataa tttttaagt 240  
 tgtaagggga ttgtataacc aaaatatctg agaagcatta acttaaaaact aataaaggag 300  
 aagacttta tta 313

<210> 1573  
 <211> 313  
 <212> DNA  
 <213> Homo sapiens

<400> 1573  
 gttagtaaac ataccattat aatagcaatc ataaagggtcc caagaaataa atctgacagc 60  
 tgtatcaaat atttgaggaa aaatgaacct ttattaaaat cgttaaataa tacttaataa 120  
 tagataaatc tgttattgaa aggaaggcaa tgttataaaa attcagtctt cccaaattaa 180  
 tctataaatt cccactcaaa ataagtttga tcttgacaga gtgatttttt ttttcttttt 240  
 ttttttttaa aagggagtct gaactttgcc cccaggcgga agggcagggg aacaaccacg 300  
 cttaaatgaa gtg 313

<210> 1574  
 <211> 326  
 <212> DNA  
 <213> Homo sapiens

<400> 1574  
 ccctgcatgc ctcctcatcg gcagttgaga cccactgct gctgctcct tcccattcca 60  
 ttgcggggac ctggacttga tctagccctg tctggtggac acacttttgt aggtgccagg 120  
 agggaggaat ctgctcctcc tttctgcccc cgacagcccc cagccccagt ggccactcac 180  
 tcccagcatg ccttgagct gcctgagtgg gagactgtgg tggactcgga gctggggcag 240  
 ggaggacaag cttcttctgg aagggaatg ggcagagggg gacctggtct ttcacggtgg 300  
 tgtcaaggac catagagcca ggccac 326

<210> 1575  
 <211> 314  
 <212> DNA  
 <213> Homo sapiens

<400> 1575  
 gttcaaatct ggtctccac atgttagcta agagacctac aaattatggt atgttacctc 60  
 tctgtatctc agtcttctca tctggtaaat taagctcaat aaggacagag actttgttta 120  
 ctgtcataaa tatcatcagc acctagaaac atttgttgta ctgaatgaat acctgtgcag 180  
 tgaatgaagg gaagaaatat ttcataaatg ttgtggtgag attcacgtga gttaaaacat 240  
 ataaagcact aagaatagcc atggcacaag aaatgctcca ttaatggtaa ttattattat 300  
 ttcagcaggc aagg 314

<210> 1576  
 <211> 322  
 <212> DNA  
 <213> Homo sapiens

<400> 1576

ggaagttggg	tcatatccat	gaatctgttt	ctgcctagtt	aatatgtaaa	ctttgacgga	60
aatacttttac	gaaaaatttg	atgtaacgct	atttcaattt	ttagatacaa	ccatttttaa	120
aatttgaata	ccacccaaaa	cccgatgaaa	tggattaggg	aaagataaaa	aaacaaaaca	180
ctaacaaaat	acttgactca	tctcacactt	tatagcccaa	gaaggcttta	agtaaataag	240
gtgtaccatg	ttttatgtaa	aggctcgggg	tatgacagaa	acacagtgtc	ccagctgatc	300
tcatagatat	caaacagacc	tt				322

<210> 1577  
 <211> 316  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(316)  
 <223> n = A,T,C or G

<400> 1577	
catgttcttt	60
ttgccactaa	
gcagcgtggc	
ccacagcagt	
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gctacgccct	120
agtcgtcca	
tctgtgagat	
gaagatgaga	
gaaattgccca	
caggaccttg	
tagtgacta	180
acagcttggg	
gttttttagc	
catgtaaaga	
attaaaatga	
ggatcatctc	
tttatcataa	240
gattgctctc	
tcttgtaaag	
taagtcactg	
aataagaaat	
gatttaccac	
agacaagcaa	300
atgctgagag	
attttgtcac	
caccaggcct	
gccctaaaag	
agttcctgaa	
ggaagcacta	316
aacatggaga	
ggaacn	

<210> 1578  
 <211> 291  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(291)  
 <223> n = A,T,C or G

<400> 1578	
cacaggatcc	60
agggaaaaaa	
aacaaccaa	
taatacttga	
aggtaagtcc	
caagatgtca	120
gctatgaagt	
aagcagtcag	
tccagattgg	
agcagaagat	
tggaaagttt	
caggggggact	180
gcttccaggg	
aaaaataaaa	
atgataaatt	
attattttca	
ttttccatgc	
aacaaatatc	240
tacggagaat	
atattatgct	
ttgagcctgt	
tagaggcact	
caggctatag	
ttatgaacaa	291
aattaagttt	
ctgacttctt	
gaaattttacc	
ttctactgaa	
acttanagtt	
t	

<210> 1579  
 <211> 134  
 <212> DNA  
 <213> Homo sapiens

<400> 1579	
gagggtaaga	60
ggggagccag	
gagtgggaag	
ctgggggaagc	
cagagcagca	
gaggctggag	120
caaattcccgt	
gggaaagaac	
caggaatggg	
tggttcctga	
gggagtggct	
caaacaccct	134
cgcagggggg	
tggg	

<210> 1580  
 <211> 320  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(320)  
 <223> n = A,T,C or G

<400> 1580  
 tcaggaattt atcaggctgg ttagactctt tgtaacttga aattagccat gggtggagta 60  
 tacacatgga tattggaaaa tactataaat cagaactatt cctgggtaat atgactacat 120  
 atgaagacca aagcacagta agggtttctg ttgttagaca aaatcaaaca aaagggaat 180  
 gttttttgac ataaactata gaataagaag atatgaaaca aacataaata tacattgcat 240  
 ataataacaa ttattattac tatttttgag aaggagtctc gctcttgctg cccaggctgg 300  
 agtgcagtgg cgcacgaten 320

<210> 1581  
 <211> 324  
 <212> DNA  
 <213> Homo sapiens

<400> 1581  
 tcactggggcc ttaggtgact ggaggcctgg ggtctggcgg ggccagaagg attaggcctt 60  
 caggtggcca aggagacctg gtagccagct tcaggacaac tggaaagtga caggtgatga 120  
 ggtgggactc tggactgagt ccagccagaa tccccagtt cttggaatag aggtggtagg 180  
 gtggccagct aggatgcccg acaattccca gcaggctctg ctctgcctgt cacagcagac 240  
 agacatggcc agctgaaatg gcacctgcca attgggattg aaaaataaaa atctggccaa 300  
 gcgcagtggc tcgctcatgc ctgt 324

<210> 1582  
 <211> 304  
 <212> DNA  
 <213> Homo sapiens

<400> 1582  
 tggggattgg gttaacgtat ataaaatatt agatgggtgg aagaagagct aataagtgtt 60  
 tgctaaatat ataagcccag ggccagcctg gcttcctcct catcctcctc ctgctcacct 120  
 ggccctggacc ccaacctctc ccctagcact gagctcactg cccagggtcc acagcagcac 180  
 tccaggcctg gactatttct acagccatct ctctgcacct gtctttgtcc gttgctgcag 240  
 ctacaacaaa atatcatata ttgggtgctc tggccaggcg cggtggctca cgctgtaat 300  
 ccca 304

<210> 1583  
 <211> 315  
 <212> DNA  
 <213> Homo sapiens

<400> 1583  
 ggaaaagtag tgttggggga tttgctatat gagaagtcaa agcatactga aatgctgcag 60  
 taatataaat ggtgaacaca agaatagaca gattgacgcc tggagcaaag tagaatccag 120  
 taacagacct atttttatat cagaatttag tatatgataa agttggtggt ttgcaacagt 180  
 tgggaaatta taattcagtg tgttgatatag ggataaatgg ctctttattt agaaagaaag 240  
 atcctacttc acattcaaaa taacttagat ggattaagga actaactaaa aaaacctata 300  
 aaagcattag aagga 315

<210> 1584  
 <211> 270  
 <212> DNA  
 <213> Homo sapiens

<400> 1584  
 tacagacaca aatgaatgaa gagacctgcc ttatggaggg ggaagagtgc tccagtctgt 60  
 gggaacagca ggcaggaaga ccttcaggca ggaacatgct tgactcttcc atctgagggg 120  
 cagaaatggg ggccctatga ttgaagcccg tgaccaggga gtgggtatta gcaggaaatc 180  
 caatgagaag ggtaaccagg agccttcctt ttctcttcat aaaaatttgt aggattgtca 240  
 ccagaaatgg ggctgatcc agatcccaag 270

<210> 1585  
 <211> 336  
 <212> DNA  
 <213> Homo sapiens

<400> 1585  
 tattcctggt ttgagacaaa agatcgctct gatgccagg ctgccattat tgggtggetta 60  
 atttgcttac attaaaggaa tgactatatg ttgtggctaa aactacctac ttaacgact 120  
 gaaaaaccaa acattctttg caaaaccatg tatgataaag aaggtaaaaa catttttcat 180  
 tttctagaca cttaaagaca ctgaatttaa agcagattaa gtagcaaaaa cattgtcagt 240  
 aaaaatattg ctgaatagga catgatgagg tagttattat tcaaactact gatggagact 300  
 acacacacat atagttataa agacacatgg tactgg 336

<210> 1586  
 <211> 376  
 <212> DNA  
 <213> Homo sapiens

<400> 1586  
 tctacaattg tgtggtacta cctttatatt gagctctttg ctgatattta ttatataaatt 60  
 tattataaac aataattcat aattttatag ttcacatct gatggtgttc accttcatta 120  
 aagactacat aagtctaaat tctaaagaaa gttgcatgca gcatctcatg cctatagtcc 180  
 cagcaatttg ggaggctgag gtgggaggat cacttcagcc caggagtgtg agaccagcct 240  
 ggacaagata gtgagacctc catctctaaa ataaaaaaaa caatagccag gcatgctggc 300  
 gtgtgccggt ggtcccaact acttatgagg ctgaggtggg atgatctctt aaccctaaga 360  
 gtccaaggct acaatg 376

<210> 1587  
 <211> 402  
 <212> DNA  
 <213> Homo sapiens

<400> 1587  
 cgttgctgtc gagccaactc cttttctccg agcctgctgg cagatcctcc cccacctctc 60  
 cgcaggagtt cccctcctag gctgggagca tcccgctgag ggtaaatctt ttcaagccac 120  
 caactgctgt cccaaggaa atggtgtccg aaaaatccca ccttggcaac cccagaggc 180  
 ctgtgcagga ggagcccaag acccgctcc tgagtatgac agtccggaga ggccacgga 240  
 gagagctggt tgtaaaaaag agcctgggca ggccaggcac ggtgactcac gtctgtaatc 300  
 ccagcacttt ggaaggccga ggcgggtaaa tcacctgagg ttgggagtcc aagaccagcc 360  
 tgaccaacat ggagaaaccc catctctact aaaaatacaa aa 402

<210> 1588  
 <211> 395  
 <212> DNA  
 <213> Homo sapiens

<400> 1588  
 cgttgctgtc gcctttctcc cgagcctgct ggcagatcct ccccccacctc tccgcaggag 60  
 ttcccctcct aggtgtggag catcccgtgc agggtaaatc ttttcaagcc accaactgct 120  
 gtccccaagg aaatggtgtc cgaaaaatcc caccttgga acccccagga gcctgtgcag 180

gaggagccca	agacccgcct	cctgagtatg	acagtccgga	gaggcccacg	gagagagctg	240
gttgtaaata	agagcctggg	caggccaggc	acggtgactc	acgtctgtaa	tcccagcact	300
ttggaaggcc	gaggcgggta	aatcacctga	ggttgggagt	tcaagaccag	cctgaccaac	360
atggagaaac	cccatctcta	ctaaaaatac	aaaaa			395

<210> 1589  
 <211> 384  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(384)  
 <223> n = A,T,C or G

<400> 1589	
cgttgctgtc	ggggagcacg ttacgtccgg acgcgtcggt ggtagggctg ggtctccgaa 60
cctgaaaccg	ggagcttcct gctcgtgttc gctggtgaga agctacccgc ggggtttag 120
acttcggacc	tcatggcaga gataattcag gaacgcatag aagatcggct cccggaattg 180
gaacagctgg	agcgatttgg actgttcagt catgcccaga ttaaggctat cattaagaag 240
gcttccgac	tagagtacaa aatccagaga agaacccttt tcaaggaaga ctttatcaat 300
tatgttcaat	atgaaattaa tcttttgag ctgatccaga gaagaagaac acgcattgga 360
tattcattta	agaaggatga gatn 384

<210> 1590  
 <211> 437  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(437)  
 <223> n = A,T,C or G

<400> 1590	
ctataatata	gctacttgtc ttttgccgnt acatcgattc gaattcggca cgagcacaca 60
cacatttata	cacgcaggac tctggagcca gactagaggg tgtggcccag gcactacctg 120
ctggctccca	cctatgggtt gggggccata cctgttccag ctctgttccc aggggtggggc 180
agggaggtgg	gggttggggg agtantgnnn nncntttnt tntattcttt tccctttgtg 240
ttttacgttt	tgacttacat ctcatccctg attggctcgc tcatatcttt aaactgggtg 300
tgttatcacg	tgctgcgtat caactgacct tcatactcgc ctctacctgt cctctctctc 360
tctcgtatta	atagtttttt tttttctaga atcttctgta aatccgaggt tatgatctgg 420
gtatgctcac	tatgacc 437

<210> 1591  
 <211> 450  
 <212> DNA  
 <213> Homo sapiens

<400> 1591	
ggcacgagca	gggaccaaga tggatcttct cctcgacatc agctaagcct ggaggactct 60
tcccctcaga	gaccatggag agggacagcc acgggaatgc atctccagca agaacacctt 120
cagctggagc	atctccagcc caggcatctc cagctgggac acctccaggc cgggcatctc 180
cagcccaggc	atctccagcc caggcatctc cagctgtgac acctccgggc cgggcatcta 240
cagcccaggc	atctacagct ggtacacctc caggccgggc atctccaggc cgggcatttc 300
cagcccaggc	atctccagcc caggcatctc cagcccgggc atctccggct ctggcatcac 360
tttccaggtc	ctcatccggc aggtcatcat ccgccaggtc agcctcgggtg acaacctccc 420

caaccagaga gtaccttggt agaacaaccg

450

<210> 1592

<211> 336

<212> DNA

<213> Homo sapiens

<400> 1592

gggagggcct	attctcacgt	ggatggagga	gggtaatggg	acccacccaa	gtggggcata	60
ggacccccaa	gactctatgg	ctttcactca	ccattcattg	cctatctctt	caccaacctg	120
agtcacttct	tagtttcatg	tttctttcta	tatctctgag	attataacat	agctgacaag	180
ttcaatgaag	tcttactaag	ggtagtatta	gtattgtgct	caacagttga	cctggagcat	240
ctttcttaat	cctttgagag	gtgctgtgat	tgtctccact	gtccaggaaa	gaaaactgaa	300
gattaaaaag	gttttggggc	tggcatgggg	gtcatg			336

<210> 1593

<211> 373

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(373)

<223> n = A,T,C or G

<400> 1593

cgttgctgtc	ggccagggtg	gacttccggc	tccgtccttt	gataactgtg	tgctcttggg	60
caaatttctt	aacttgcagg	ttcttgtgag	gataacatga	gttaattgag	ggcacttaac	120
actacctggc	acagattaag	ctcatctgaa	gtgggagctg	ttacttaggg	gcgtttgcct	180
agaacacagg	gtccagaggc	tctctcccgg	aaacttagac	ccagtgagtc	agaagtgagg	240
cctgcaaaaa	gcagcaggag	tggggtttaag	aattccagcc	tagggctgga	tgcggtggct	300
caggcctgta	atcccagtac	tttgggaggg	ccgaatggga	ggatggcttg	agggcaggag	360
ttccagacca	gcn					373

<210> 1594

<211> 349

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(349)

<223> n = A,T,C or G

<400> 1594

accaatgggg	gggggcgaga	caattacttt	acaaaaataa	aatgtaaac	tttctgcctt	60
taatgtttag	tgcttaacca	ccaatctctg	ctcctgtctg	taaaagtcag	acttcattaa	120
ttttgctgac	acagtaagtt	ctcatggaaa	atagtacaa	cagccagcaa	tgtgaatagt	180
tacatcttgg	ctctgtaaat	atcaaaacag	actttgctaa	gcagaaatca	atagacactc	240
gatcaaatag	tctggttcta	tttttttatt	tttattttta	tttttttgag	atggagcctt	300
gctctgtcgc	cccagatgga	gtgcnnngnn	nnntctcgg	gtccactgc		349

<210> 1595

<211> 328

<212> DNA

<213> Homo sapiens

<400> 1595  
aggcacctga gagtcacttc tgggcagaaa gacaaacaca tgaatacaag ccataaatga 60  
aaagaatcaa ccagttacac cattaaaaat gtctgaatat aatgccagtt tctacgagtg 120  
tggaggggtgc atctctgaga tgggtgaattt cttccacact aaaagcaggg tgacctagga 180  
ggaattcgta gtgtcctttc acttattttc agacaggctc aagattactt tcaataaata 240  
agtataattg ttcataattt gaagaatgta cttacctgat gacatgactt taaatgtcaa 300  
aaagctaaaa gatcacacac caacaccg 328

<210> 1596  
<211> 338  
<212> DNA  
<213> Homo sapiens

<400> 1596  
cttcgtgacc tggactgaaa acatttttcaa gttctctatt tcggtcaata cagccccttt 60  
aataattccc caaagcatct cccctttccg cctgtgtac gactctcttg cacacgtttt 120  
gtattcccac agatcacaaa atcacaaagc accggagctg gaagaatctt aagagataat 180  
ccaaggccag gagcgggtggc tcacgcctgt aatcccacca ctttgggagg ccaaggcggg 240  
tgggattacc tgaggtcagg agttcaagac cagcctggcc aacatggaga aaaccgcct 300  
ctactaaaaa aacagaagtt aacccgcct cggcccg 338

<210> 1597  
<211> 355  
<212> DNA  
<213> Homo sapiens

<400> 1597  
gtcattttat ccattcacct tttaggacac tttggttgtc aacagtgttt tgcaactatg 60  
aatatagctg ttatcttact cttttttaaa atgcacttta ggtgtactca ttccttaggt 120  
tgagtacacc taaagtgcatt tttagatata ctaatcatct ctgtttctgt aatgtcatta 180  
tcattaaaaa catctcattg tggtatattt atatgtcat aattcttttt ttctttagt 240  
caactgtaaa tctcttaagg acttagacca tgtctaatac atctgtgtat tcctggctcc 300  
taaactggat ttcagagatt attttttagct gaatgaattt gccaggcagt gtatg 355

<210> 1598  
<211> 329  
<212> DNA  
<213> Homo sapiens

<400> 1598  
atttacaata agtttacaat ttacaataaa gctttaaaag aacaacaaaa aattaaatat 60  
acctctattg cttgtacgtt tttctacttt tgatagaaac atggacatat taaatatttc 120  
acttttaact ctagtataag aaagtcaata atgcaagagt gatgataaag agcaactctc 180  
acttggcatc atgatcaggg agcaataggg agtgggtgac tgcggtgacc taaagcatat 240  
aagccttgtc taaagtgaac agctgctctc agccctagct cataagtgcc acagagtcta 300  
caggcctaga cctgctgatc occagcatt 329

<210> 1599  
<211> 335  
<212> DNA  
<213> Homo sapiens

<400> 1599  
caaaacataa atgtattact caaaatgttt tatatagggg cacaagagtt ctttgactga 60  
agcagttttt attttaagtt gtttggcctg aaaccattcc tggcagcaaa aatcttttta 120  
aaagtcttca tgtgtagatt taagctatcc ttggcataaa ataattaata tatctatatt 180  
tcaaagagca gatggcagaa aggactatac cgaaatatat tttatttctg agcaccagca 240



taaaaacaag agaaaaaaaa agaacagcca gaatacagag gtttttaggg ctattctaag	300
tgatactata ctggtggaga catgtcatta tatat	335

<210> 1600  
 <211> 124  
 <212> DNA  
 <213> Homo sapiens

<400> 1600	
ctttcactac atattaaatg acactttata actaatataa taggacaatc atcaatgcat	60
atatagccag cccttcatat ctgtggggtt tgcattccagg attcaaccaa ggaggaattg	120
aaaa	124

<210> 1601  
 <211> 348  
 <212> DNA  
 <213> Homo sapiens

<400> 1601	
cggggttgat agggaaccag cgcattgaat atccttcctt tacattcatg gtactactcc	60
ctgatctcac tatgatgacg tagggcacag ccttacttaa tgcacacaga atggggctct	120
caagccaaat aggcgtctga acagactgga tctactagaa cagaaattct agggactgaa	180
ctttctgtga cacagagatg gctttttttt ttgagggtct cgttctgtca cccaggctgg	240
ggggtggcac aatcttgact cactgcaacc tccggctcct gggttcaagc cattctcctg	300
ccttagcctc ctgaatagct gggattacag atgtgcacca ccaccct	348

<210> 1602  
 <211> 337  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(337)  
 <223> n = A,T,C or G

<400> 1602	
atcgtatgaa ctacaactat taaaatgtga aatgcatgat gcaaatagtg cacaaaaaaaa	60
tagagtgaag atgatgaata cagccataaa agacagccaa actccatttt agcaataaag	120
taaaatataa tctgctgtca ggggaaggta atttgaagta cttgagatgt tctttaattt	180
aaaaatccaa aaatattttt agcttttagtt actataaaac atgtttaagc attttccatt	240
tgaataaaaa ttttaatttc atgctttgtc agtttcctta aataaataga aaatagtaaa	300
atatcgcata ctanaaaaaat caacttcctt ggtaata	337

<210> 1603  
 <211> 358  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(358)  
 <223> n = A,T,C or G

<400> 1603	
atctgataag attattttta ggacagaatg aagatttcct cttgaatgat ttgctctgcc	60
ctttatcaaa aagacatgtg tctgtccacc ttaacatttc tgggtataaat ataccttgtc	120

ctttaaaaat	tactgcataa	cattaaaatc	acgagcattg	ctatacatca	tcaacagtca	180
agccagagag	ccaaatcagg	aatgaactcc	cattcacaat	tgccacaaaa	agaatcaagt	240
acctaggaat	acagctaact	atggagggtga	aagatctcta	tgaggagacc	tacaaaccac	300
tgctcanaga	aatgagaaat	gacacaaaata	attggaaaaa	cattccatgc	tcatgggn	358

<210> 1604

<211> 417

<212> DNA

<213> Homo sapiens

<400> 1604

cgttgctgtc	ggtaagagaa	ggagaaggag	aagggattaa	gttttaccta	gtcacatagc	60
caatgtcaga	ttcctaacta	gtggccgggt	ccgtctgac	caatgatcac	tattctctca	120
tttatgggtg	agtcactgtg	tggttcaac	cacagtggac	ctctctggac	ctaagtgcc	180
tcacttgtaa	attaaaagaa	ctgggttagg	gccaggcatg	gtggctcatg	cctgtaacca	240
cagcactttg	ggaggctgag	gcaggtcggt	cacttgagct	caggagtcca	agaacagcct	300
gggcaacgtg	gcaaaaacccc	gtctctacca	aaaatacaaa	aaattagcca	ggtgtcatgg	360
tgtacatctg	tggtcccagc	tactgggagg	ctgagggtggg	aggatcactt	aatccc	417

<210> 1605

<211> 379

<212> DNA

<213> Homo sapiens

<400> 1605

cttcattgacc	tggactgaga	acattttcaa	gttctctatt	tgggtcaata	cagccccctt	60
aataattccc	caaagcatct	cccctttccg	cctgtgtctac	gactctcttg	cacacgtttt	120
gtattcccac	agatcacaaa	atcacaaagc	accggagctg	gaagaatctt	aagagataat	180
ccaaggccag	gagcgggtggc	tcacgcctgt	aatcccacca	ctttgggagg	ccaaggcggg	240
tgggattacc	tgaggctcagg	agttcaagac	cagcctggcc	aacatggtga	aaacccgtct	300
ctactaaaaa	tacaaaaatt	agccaagcct	cggccggaca	cagtgggtca	cgctgtcat	360
ctcagcactt	tcagaggcg					379

<210> 1606

<211> 382

<212> DNA

<213> Homo sapiens

<400> 1606

tacagttata	gccagggttg	acttccggct	ccgtcctttg	ataactgtgt	gctcttgggc	60
aaattttcta	acttgcagg	tcttgtgagg	ataacatgag	ttaattgagg	gcacttaaca	120
ctacctggca	cagattaagc	tcattctgaag	tgaggagctg	tacttagggg	cgtttgccta	180
gaacacaggg	tccagaggct	ctctcccggg	aacttagacc	cagttagtca	gaagtgaggc	240
ctgcaaaaaa	cagcaggagt	gggggttaaga	attccagcct	agggtggat	gcggtggctc	300
aggcctgtaa	tcccagtact	ttgggaggcc	cgaatgggag	gatggcttga	ggccaggagt	360
tccagaccag	cctgagcaac	at				382

<210> 1607

<211> 328

<212> DNA

<213> Homo sapiens

<400> 1607

ttggactaga	gattgttggt	acaagaactt	taaaaataaa	aaaataatta	aaaagactta	60
tttttctgta	tcattcttac	tggttcattt	gttttaatagg	acttaagaca	tgaaaaaatc	120
aaactagtaa	atttgcattc	atacttgctt	acctacttaa	atatatagaa	gtaatgcaga	180
tagtggtaaa	agtcttgagt	agttcaaga	agtctaattg	aaatactgtg	gattaaaatt	240

ttatttttcta ttattttcttt tttcagataa ttactgattt ttaaaatgtg ttgattggcc	300
gggcgcggtg gctcacgcct gtaatcct	328

<210> 1608  
 <211> 356  
 <212> DNA  
 <213> Homo sapiens

<400> 1608	
tatctgccaa aatttgtttg gtatatataa cagcttttgg agagattttc actgctatgc	60
ttttctttct tttatgcttt gttatttggg gttttaattt ctcaaagat cccttctttt	120
tagatttcaa attataacct atttcttgca ccattgctga cgctgggtga tccatgtcag	180
aagtacttcc aggtcagata cattttctca tatttcaatg cagagaagca gttgaatatt	240
aaaactttaa aaaagataat gtttaatgtt aaacttatga ttactaaaa taacatgttt	300
tttaatttca ttgttcttca ctaatgtaat agaaaaatga atcttgggcg cgcg	356

<210> 1609  
 <211> 374  
 <212> DNA  
 <213> Homo sapiens

<400> 1609	
cgctgctgtc ggcctggatt acatatattag atcctatctc tataaaaaat caaaaattag	60
ccaggcatgg cggggcatac ctatagtcct ggctatttgg gaggtgagg caggaggatt	120
gctttagccc tggagggtga ggctgcagta agccatgatt gcgccactgc actcagccc	180
ggtgacaaag caagaccctg tctcagaaaa aaagaaaatt catggccagt taagacaaaa	240
tgctatgact ttgaaattca cagaaagaaa taacagttta cattacgtct tcaggatttc	300
acgatagaaa taatctctctg aaaaacctga atttcagaga ttcttagact ggctgcaaaa	360
ggatgacact agcg	374

<210> 1610  
 <211> 294  
 <212> DNA  
 <213> Homo sapiens

<400> 1610	
gatttttttg tacctttctt agggatatca tagtttgaga taccatgaaa gatgttcagg	60
cagagccttt tcaacgaaat caccttgctg tggctctcac agagtctagt taatagaagt	120
tttgactgg ctgggtgtgg tggctcactc ccgtaatccc agcactttgg gaggtgaga	180
cgggcggatc acttgagccc aggagtgcga gaccagccct ggcaatatgg tgagttcttg	240
tctctacaga aaacaacaat ttacaaaaaa taaataggca tgggtggcaca cccc	294

<210> 1611  
 <211> 358  
 <212> DNA  
 <213> Homo sapiens

<400> 1611	
gagactgtgc cactgcactt aagcctgggt gacagagtaa gactctgtct cagacaatat	60
tgtgatgata ttgttatatt tgaaactttt ataccgcaga gaacagagag agactgagac	120
gtatatacc tacaaagggc tttttctctg gttagagcctg gaagggctag aagtaaactt	180
ttaaaaattc aagatagaat cgtgatgagc aagcctcatg cacatgcatg aggatggcta	240
ctacacaaaaa ggcagaagat aacaagtgtt ggtgaggaag cagagaaaact ggaactctca	300
tgcatggggg ttgagaaggt aatatagtgc agccgcggct gggcgagtg gctcacgg	358

<210> 1612  
 <211> 377

<212> DNA  
<213> Homo sapiens

<400> 1612  
ggcattatgt ctttcagata ggatgatgct gattatgttt ggaaatagct aatctttcta 60  
agaattgaaa attgttttct acatttttca tccacttaca gatcaaagaa gaaatctggt 120  
ttatatatgt caatttttct atagtggatt gtcttataat agagcacgtt tgatttacac 180  
cagatttatg ttgtgacatt agttacaaat ttggtaaaaa catttctaata tagagatgat 240  
caggtaaact ttgacaactg ttgagtaact gctagtaatg ctcttgagat ttatttttta 300  
tttgatatca gatttataat tcaagtaaat atctgagtag aagctaatagc aaagagataa 360  
ttactatatt ctaaggg 377

<210> 1613  
<211> 355  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(355)  
<223> n = A,T,C or G

<400> 1613  
aatggcactt aatcacttaa actaatttaa attaaataat tggttattta aatcatcttt 60  
ttcatttatt ctctacttta tttgtttgtc ttccctgcct gaagggagga gctaactgca 120  
ttagagggtg tgaaattcac cgtttagatga tccctgggct agaattttta aggatgtggg 180  
gatttatcag gtaggggaata tagaggcaag gaagatgtag gtgtatgtac tcattcgtat 240  
ttaacttgct cagtttatta agtcatttga attttgtcag aagctagatc acttctagta 300  
gtttttaaca aagtaattct caaaaaccca aactattgat ttggtttgcc tcccn 355

<210> 1614  
<211> 401  
<212> DNA  
<213> Homo sapiens

<400> 1614  
cgttgctgtc gggtttgcttc aggatgtttg atttaaaaca gaggttcttc cctttccgga 60  
cagggtcaga atgacctggg ttctctccaa gggtgtgtac aagagctcca cacttctgt 120  
tcagaagacc aaggacagtg gcagatgcc a tggcctgttg tgaagcgaag ttggaggagg 180  
gagaattcta caacagatgg tttcttggtat atctggggcc tgtccagctc tagctttgaa 240  
aatgatgggc cagaccttga actggcatgg atacaggctt aagtgccaga acaggaagtg 300  
aggtcctagg gtgatgtctt tggggcagct gctgctactc agctggtggg ctggcaccgc 360  
tagctttggc ttcttatggg ttggtgagga gattgtgtgt g 401

<210> 1615  
<211> 387  
<212> DNA  
<213> Homo sapiens

<400> 1615  
tacggctgtt atatatacga cagaagggcc atacagtagg aggaggggta cctaacccttt 60  
cacaaacaac aacaaatgtg aaaagtcagt gacacactgg acagaagaaa cagttagacc 120  
agcaggccat ttaatctaca ttattctctc caggctttta aaaataatta tgccatcatg 180  
tgctttttgc tgctattatg tcataattgc cttacatctc aaatcattaa ttaaaatgga 240  
ttttaagagt acggaattgg ctgacttaca agatcactta ttaatccgtg cccggatgtg 300  
ttgtttcttg cttacagaga cacccttgac cgttactctt tcgcggaatc gttcacaatg 360  
gcattcttac aacaacaga tatcgcg 387

<210> 1616  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(386)  
 <223> n = A,T,C or G

<400> 1616  
 cgttgctgtc ggcagaaatc tacatggaaa aagaaagtta agagtcttcc taatattctc 60  
 accgatgata gatttaaagt tatgtttgag aaccctgact tccaagtaga tgaagagagt 120  
 gaagaattta ggcttctgaa tccacttggt tcaaaaatta gtgaaaaaag gaagaagaaa 180  
 ctaagactct tagagcaaca agaacttcgt gaaaaagaag aggaggaaga gccggaagga 240  
 aaaccaagtg atgcagaaag ttcggagagt tcagatgatg aaaaagcctg gggtgaagag 300  
 gtcaggaagc aacgcagact cctccagcag gaggaaaaag tgaagcggca ggaacgactc 360  
 aaggaggacc agcagacagt cctaan 386

<210> 1617  
 <211> 380  
 <212> DNA  
 <213> Homo sapiens

<400> 1617  
 cgttgctgtc ggcccttaga ttttggagac atcaggcaga tgtctccaaa aatgattgtg 60  
 atcaagaatc tgaattataa gattcacagt ctgctcccca acccagtgtc gccaaactgta 120  
 cagctgcgcc tccacgaagg ggcataatgcc aggctcgtct gaccctggaa tgaggatgta 180  
 ggaagcaggc agagctccgg ttcagccctc acaatgggac tgaagcagga gagaaggctg 240  
 ggcagaaggc ctgtggggaa gtagggcttg tctccatgga tgacgtccag aaggatgtca 300  
 ggaggaggaa tatcacagga gttatagaca ttggaggggaa cagagactgg cacaggaacct 360  
 cttcattgca ggaagatggg 380

<210> 1618  
 <211> 389  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(389)  
 <223> n = A,T,C or G

<400> 1618  
 ccaggctggt cttgaactcc tgacctcaag tgatccgccc acctcagcct ccaaagttag 60  
 ccaccgcacc cggcctgtta ctctattttc tacttactat ttacaactgt cagaaggtaa 120  
 atgacaacct gatttttgtt gctttttaag tcacttatac ctctcactag tgatacacat 180  
 ctttttttatt tcagaaaatg ttttattata attataacat tttagtattt gttcttttct 240  
 tttgcttttg cttggttctt tagaaccttc tatttatgta tttgatcttc ttgaactggc 300  
 ttctatggta gtctctttct ctcaggactt tttttttgtt ttgccacttt cttcatttcc 360  
 atccaatttt agaaattatc ctcatttgn 389

<210> 1619  
 <211> 328  
 <212> DNA  
 <213> Homo sapiens

<400> 1619  
gaggcaagct gcaagaaggc catggggaca atgtgcagag caatgaagcc tcttgcccat 60  
agtgactgta cccgcgacct ggtggtgacc aggcaggcat ttgcacctgc tgggctccag 120  
agctcccctt ctttcttcac tcggtgacag caaaccaaga cttgggtcac atcatttctg 180  
ggtaagtatg cagagatgct gaaagaacag tgggagcaaa aagaacaata ttcttgaacg 240  
tcttctgttt tctctatgac ccttagaaac ccaaagaaaa tttcacagta ggaaaataat 300  
ccattgcaca aactgtattt ttaaaggg 328

<210> 1620  
<211> 374  
<212> DNA  
<213> Homo sapiens

<400> 1620  
tacgcctgcg agaacacgac agaaggggtt gtcagccacc cgcagtgtct tttctctgaa 60  
agtggtttgg aagactggct accatctggg tgcgaggaat cattagcagc gaggccaagt 120  
ttgaggagcc tgagaggagc tgtgcgccaa gaggagggtt tttcttttcc gagaatccag 180  
aggcccttat tatctgcttg ctttctcagc tgaacccttg ccccggtatc cccagcaaa 240  
gccctctgag gcggttttgg tattcatctt gtgattgatc cttcagatat ctgaacggtg 300  
cgatcctcgg tcccgtgtgt aatcactatt ctccctcata gcctcgttct ccttaacgct 360  
tctcatcta cgtg 374

<210> 1621  
<211> 366  
<212> DNA  
<213> Homo sapiens

<400> 1621  
ctttgtttca aaaagcttat cccatctcta agaataacag tggtacaac acaaaatatt 60  
gttttaaaag gaagaaacaa atctaaacaa gaagtctctt actgcctata aaatctgaaa 120  
ctttcttttt ttttttttta gaaaaggggt ttcttttttg ccccagggg gggaagaatt 180  
gggtaattt caaataattg taaatcactc ctccgggtac ccccatttt tccggcacat 240  
ttccccgttt tatttttaga caaaagcacg cccccctc caccaaatat ttttggcggg 300  
gctcatcac cacacggctc atgtaacaac ctccgcatta tttataacat ttatcttgtg 360  
ttagca 366

<210> 1622  
<211> 349  
<212> DNA  
<213> Homo sapiens

<400> 1622  
accagtgagc catgctgtct ctttaaataa aatgaggggt ttggaagaga aaatgaagag 60  
aaatccttgg gaaatttgag agaaatgagt aaagaaaaag aaaatatatc cttttaccag 120  
agttttcctt cttaaccttg acttgaggtt gctctttgct ctggaggaga gctctagatg 180  
ggctgggaga tttgatctc acttgcagta tttctcaaaa gcagctgtgc aaaccaggc 240  
aagtcattct gcctcttgg gtgacaattt cctcccttga aaagtgaata tgatgtctcc 300  
ctgtctgtcc tatcagtggg taaggaaaat cagatgaaat gatggctac 349

<210> 1623  
<211> 345  
<212> DNA  
<213> Homo sapiens

<400> 1623  
gttcatatac aggaatcaaa tcacattgac acacatagtc actttgtcct atttaaattc 60

tcttttaatt	cttttagatta	catagagaag	aaagactcag	tttgctgcta	gtatttcctt	120
aaaacatctc	aactctctct	ctctccctct	tgaacagagc	aaaggccagc	tctgattcag	180
aattctcagc	tagcaacagt	atctagctac	aatttaacaa	catcgtctgg	gaatgggtata	240
tattttttata	tttatcttct	attttggcaa	atgatactgg	atttccattt	atagtaatga	300
tataaagttt	ccttaataaa	tgcattttatc	taagtcaata	attgg		345

<210> 1624

<211> 377

<212> DNA

<213> Homo sapiens

<400> 1624

ttgtaaaacc	tggaaggaca	aggtttgggc	atggcatcag	agctgaatga	aagcttgcca	60
tcatgggtgta	ctggaaaagg	acagatacat	ggtgaatgcc	actgttctgg	acttttgtgt	120
cattggtaat	aaatgaagga	gctcaacttg	tttttgcaag	agggacattt	gcaataatta	180
atctagggac	agagagatac	tgtaaagatc	aatgattatg	atttgggatc	cggcctcaga	240
ttaaccaggg	ctcaaaactc	tcttctttct	cttaataaaa	gagagaatgt	actgactttt	300
cgaatgtact	cgccttaact	tcccagtatg	ttcttaatgt	ttaaggcata	ctgctctctc	360
ctcctaattct	tgtaccc					377

<210> 1625

<211> 332

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(332)

<223> n = A,T,C or G

<400> 1625

gactaaagaa	aatcccaaaa	gccataaat	aaatatattac	atatatggta	tataaacctt	60
catttgtcct	tgtgtcctgg	ttcccaaaaa	tataaagggg	aagtctgctc	ctctaattca	120
ctccaatctc	agtcggaaca	ctgaacttgt	gtctaccaca	ggcccaatcc	tgctggttgg	180
gtggagtgcc	tgacagtggg	gggagagagg	gaagtaaagt	ttttgggtacc	tcaagcaa	240
gccaccttgt	aatgaggctt	tctccctttg	gtcacccggc	tgtaccctat	attatttggg	300
gtctagaagg	tccaagttct	gaacaagatt	an			332

<210> 1626

<211> 416

<212> DNA

<213> Homo sapiens

<400> 1626

cgttgctgtc	gaaaatacga	cagaaaatag	aagaaacacg	tgcacagaga	gtccagttaa	60
agaaattgcc	aaaagttaac	aaagagctgg	cacttaaatt	aattgaggaa	gaagaggaga	120
agcagaaatc	tacatggaaa	aagaaagtta	agagtcttcc	taatattctc	accgatgatc	180
gattttaaagt	tatgtttgag	aaccctgact	tccaagtaga	tgaagagagt	gaagaattta	240
ggcttctgaa	tccacttggt	tcaaaaatta	gtgaaaaaag	gaagaagaaa	ctaagactct	300
tagagcaaca	agaacttcgt	gaaaaagaag	aggaggaaga	gccggaagga	aaaccaagtg	360
atgcagaaag	ttcggagagt	tcagatgatg	aaaaagcctg	ggttgaagag	gtcaag	416

<210> 1627

<211> 398

<212> DNA

<213> Homo sapiens

<400> 1627  
aagacggcct acggttgcca gttgacgaca gaagggagcc tattttatga gataagtact 60  
atthttgttaa aattttatat ttaatataga taataaattg actaccccaa atgggtggaat 120  
gcaaggatag catattacaa ggaaaatgtt acaaaacaact aacattaact agacaaagga 180  
tgaaataatc atthtcaaaaa aggttgagga ggctatcagt aaaattcagt atctattact 240  
gataaaaaatg ttggaggaaa aagtgtatca gaaaatataa tcatgggcca gtgcgggtgg 300  
ctcacgcctg taatcctaac actttgggag gccgaggtat gtgggtcacc tgatgtcaag 360  
agattgaaac cagccttggc cacgtaatga aaacctg 398

<210> 1628  
<211> 409  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(409)  
<223> n = A,T,C or G

<400> 1628  
cccgttaact ccattatatg ccaatagagc gagactccgt ctcanaaaaa aaaaaaaaaa 60  
aagaaaaaaa ttcctttgaa aaaaaacccc cccctcaaag gaaacctttt ttttgggggg 120  
gggggtttttc aaaaaaaaaa atthttgaacc ctgtttttta ccattggggg aaaagggggg 180  
aaccgcggctg gggcctcccc caaccggggg ggggggggga aaaaaccccg ggggccccca 240  
aaaggccccc cctaattgccc gctaggggct tccttttttg ccccccattt ttgggggagg 300  
ggggattttt aataaacccc ttggggcttc agccaaaaag ggtaaaaagg gaacctggtt 360  
tcctggggca aattcctgaa aaaaggtggt gaaaaagccc actttgggc 409

<210> 1629  
<211> 381  
<212> DNA  
<213> Homo sapiens

<400> 1629  
cggtgctgtc ggcacgcctg ccccttggg tgacctcttg tacccccagg tggaggcag 60  
acagcaggca gcgccaagtg cgtgccgtgt gagtgtgaca gggccagtgg ggctgtgga 120  
atgagtgtgc atggaggccc tcctgtgctg ggggaatgag ccagagaac agcgaagtag 180  
cttgcctcct gtgtccacct gtgggtgtag ccaggtatgg ctctgcaccc ctctgccctc 240  
attactgggc cttagtgggc cagggtgcc ctgagaagct gctccaggcc tgcagcagga 300  
gtggtgcaga cagaagtctc ctcaattttt gtctcagaag tgaaaatctt ggagacctg 360  
caaacagaac aggtcatgt t 381

<210> 1630  
<211> 334  
<212> DNA  
<213> Homo sapiens

<400> 1630  
tgctcaaacc agctaacttt tctaagatcc tgthttcccca tccataaact gaaataatca 60  
gagccctacc tctttcagaa taagtaagga gtgaatgaaa tattccatat gacatgctca 120  
acataatgcc tgccacacag aagtattcaa ttagtactta attcttggtt tathtttatc 180  
attatttgga tthtaactatc ttgctgagtt gtttggaaag caaatgaggt cattgcctcc 240  
aaacatttat tagagatatt gctatgtgct aagcattaca ataggtgcag gagaatacaa 300  
acgtgaatgc ctgcaaggaa cttacaccag aagg 334

<210> 1631  
<211> 418



<212> DNA  
<213> Homo sapiens

<400> 1631  
cgttgggtggc gcaggcagat gtctccaaaa atgattgtga tcaagaatct gaattataag 60  
attgggagtc gggccccaa cccagtgtcg ccaactgtac agctgcgcct ccacgaagg 120  
gcatatgcca ggctcgtctg accctggaat gaggatgtag gaagcaggca gagctccgg 180  
tcagccctca caatgggact gaagcaggag agaaggctgg gcagaagggc tgtggggaag 240  
tagggccttg ctccatggat gacgtccaga aggatgtcag gaggaggaat atcacaggag 300  
ttatagacat tggagggaac agagactggc acaggacctc ttcattgcag gaagatggta 360  
gtgtaggcag gtaacattga gctcctttca aaaaaggaga gctccttctc aagataag 418

<210> 1632  
<211> 385  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(385)  
<223> n = A,T,C or G

<400> 1632  
cagaactgga gcgtggcgat ggcgttaagg ttttgaggga gcgagccacc tagcggaggc 60  
tgtccttcac cgcgggcgcc aatggggagc agaaggactc ggacacagga ccgccgggg 120  
cctgcttgct ctggggcagc cacgaggag ccctcgtcag gagcgccatg ggccgaagct 180  
gcctgccctc tgcacgtgga tgtttctttg gaacaagggg aaaaattatg actttcttat 240  
tttgctttga cctgtgaatg acaccctggc ctctggtgcc tggggtgtgc tctctgcagt 300  
gctgtcaggc acatgctggt tccttcagcg ctagggtgctt ggcaccttca gtcttttgc 360  
gacgccatgg tcgttcctgg ggcen 385

<210> 1633  
<211> 407  
<212> DNA  
<213> Homo sapiens

<400> 1633  
ggcacgagcc aaaatggatc tatgctgaag ccagctgtct gtactcgtga actatgcgtt 60  
ttctccttct acacactggg cgtcatgtct ggagctgcag aggaggtggc cactggagca 120  
gaggtgggtg atctgctggt ggccatgtgt agggcagctt tagagtcccc tagaaagagc 180  
atcatctttg agccttatcc ctctgtggtg gacccactg atcccaagac tctggccttt 240  
aaccctaaga agaagaatta tgagcggctt cagaaagctc tggatagtgt gatgtctatt 300  
cgggagatga cccagggctc atatttgaa atcaagaaac agatggacaa gttggatccc 360  
ctggcccatc ctctcctgca gtggatcatc tctagcaaca ggtcaca 407

<210> 1634  
<211> 374  
<212> DNA  
<213> Homo sapiens

<400> 1634  
cagtctctac taaaagacag aaacaataca ctgccaaaat gttaagttga ccaccgtgaa 60  
acttctctat tggagtgtct gtttctttta gctgtgaata ctgaaattat gccttgtctc 120  
ctccccaccc cagggggatg ccgttttgca gtgtggacac gtgtttgaag cagttactaa 180  
actcgtcatc ctggttaaga aggagaacat tgtcaatgtt gttcaaggaa ggtaggtggc 240  
ttcatcttca gctcaggaag taattcaatg ttaaaatgct tattaaggcc gagcgtggtg 300  
gctcatgcct ataatcccag cacttttggga ggctgaggtg agcagataac ttgaggctag 360

gagttcaaga ccag

374

<210> 1635

<211> 333

<212> DNA

<213> Homo sapiens

<400> 1635

cagtctctac	taaaagacag	aaacaataca	ctgccaaaat	gttaagttga	ccaccgtgaa	60
acttctctat	tggagtgtct	gtttctttaa	gctgtgaata	ctgaaattat	gccttgtctc	120
ctccccaccc	cagggggatg	ccgttttgca	gtgtggacac	gtgtttgaag	cagttactaa	180
actcgtcatc	ctgggttaaga	aggagaacat	tgtcaatgtt	gttcaaggaa	ggtaggtggc	240
ttcatcttca	gctcaggaag	taattcaatg	ttaaaatgtt	tattaaggcc	gagcgtggtg	300
gctcatgcct	ataatcccag	cactttggga	ggg			333

<210> 1636

<211> 393

<212> DNA

<213> Homo sapiens

<400> 1636

ggcacgagga	gaaggaaaac	actggattta	taagccacgt	ctgggaagtt	ggaaaaggag	60
aaagaagcaa	aggaaggctc	tgaaccaaag	gagcaggaag	accttcaaga	gaatgatgag	120
gaaggctcac	aagatgaagc	ctcggagact	gactactcat	cagctgatga	gaacatcctc	180
accaaagcag	atacactcaa	agtaaaggat	cggaagaaga	agaagaagaa	aggacaggaa	240
gcaggagtat	tttttgaaaga	tgcattctcag	tacgatgaaa	acctctcgtt	ccaggacatg	300
aacctttccc	gccctcttct	gaaggccatt	acagccatgg	gcttcaagca	gcccaccccg	360
atccagaagg	cgtgcatacc	tgtgggtcta	ttg			393

<210> 1637

<211> 402

<212> DNA

<213> Homo sapiens

<400> 1637

cgttgctgtc	gcaaggcgcg	ttcagagcagc	ggcgaccgac	gcggcggaagg	agcgcgccat	60
ggagcatgtg	acagagggtc	cctgggagtc	gctgcctgtg	ccgctgcacc	cgcaggtgct	120
gggcgcgctg	cgggagctgg	gcttcccgtg	catgacgcgc	gtgcagtcgc	caaccatccc	180
tctgttcatg	cgaaacaaag	atgtcgcctgc	agaagcggtc	acaggtagtg	gcaaaacact	240
cgtttttgtc	atcccatccc	tggaaattct	tctgagaaga	gaagagaagt	taaaaaagag	300
tcaggtttga	gccataatca	tcacccccac	tcgagagctg	gccattcaaa	tagacgaggt	360
cctgtcgcac	ttcacgaagc	acttccccga	gttcagccag	aa		402

<210> 1638

<211> 382

<212> DNA

<213> Homo sapiens

<400> 1638

cgttgctgtc	ggagcgcgcc	atggagcatg	tgacagaggg	ctcctgggag	tcgctgcctg	60
tgcgctgca	cccgaggtg	ctgggcgcgc	tgcgggagct	gggcttcccg	tacatgacgc	120
cgggtcagtc	cgcaaccatc	cctctgttca	tgcgaaacaa	agatgtcgtc	gcagaagcgg	180
tcacaggtag	tggcaaaaca	ctcgtttttg	tcacccccat	cctggaaatt	cttctgagaa	240
gagaagagaa	gttaaaaaag	agtcagggtg	gagccataat	catcaccccc	actcgagagc	300
tggccattca	aatagaagag	gtcctgtcgc	atttcacgaa	gcacttcccc	gagttcagcc	360
agattctttg	gacggagggc	ag				382

<210> 1639

<211> 176

<212> DNA

<213> Homo sapiens

<400> 1639

ggcctacgtg	ttcttgcggt	ggcggagcgg	cggattagcc	ttcgcggggc	aaaatggagc	60
tgcaggccat	gagcagatat	accagcccag	tgaaccacgc	tgtcttcccc	catctgaccg	120
tggtgctttt	ggccattggc	atgtttctca	cgcctgggt	cttcgtttac	gaggtc	176

<210> 1640

<211> 405

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(405)

<223> n = A,T,C or G

<400> 1640

cgttgctgtc	ggaaagatgg	cgtgtgtggt	cctcctccat	caaagaaaat	gaagttat	60
ggatttaaag	aagatccatt	tgtatttatt	cctgaagatg	acccattatt	tccacctatt	120
gagaaat	atgctttgga	tccttcattc	ccaaggatga	at	ttgttaac	180
gaaggggaaga	aaaggcagct	ctacatgggt	tctaaggagt	tgcggaatgt	gctgctgaat	240
aacagtgaga	agatgaagg	tattaacacg	gggatcaaag	tctgggtgtag	aaataacagc	300
ggtgaagagt	ttgactgtgc	tttcgggctg	gcacaggagg	gaatatatac	attgtatcca	360
tttattaact	caagaattat	tactgtatca	atggaagatg	ttaan		405

<210> 1641

<211> 406

<212> DNA

<213> Homo sapiens

<400> 1641

ctacaaaagg	ttctttgctt	ggttgagatg	tctgaaaagc	cttatattct	tgaagcagct	60
ttaattgctc	tgggtaacaa	tgctgcttat	gcatttaaca	gagatattat	tcgtgatctg	120
ggtggctctcc	caattgtcgc	aaagattctc	aatactcggg	atcccatagt	taaggaaaag	180
gctttaattg	tcctgaataa	cttgagtgtg	aatgctgaaa	atcagcgcag	gcttaaagta	240
tacatgaatc	aagtgtgtga	tgacacaatc	acttctcgct	tgaactcatc	tgtgcagctt	300
gctggactga	gattgcttac	aaatatgact	gttactaatg	agtatcagca	catgcttgct	360
aattccattt	ctgacttttt	tcggtttattt	tcagcgggaa	atgaag		406

<210> 1642

<211> 320

<212> DNA

<213> Homo sapiens

<400> 1642

gttcactatg	taagttaaaa	tatcaaagag	ggatatacaa	ctgaaaagta	aaagttcacc	60
tttctttcct	ttctcctact	tctataat	gatcagttta	gataaaatat	ctctgctttt	120
caaaattact	ctctagctgg	ctcttgagga	aaaaaaatgg	gggtaggagg	agctggggcc	180
ttcccttatt	tatacaagcc	gatgaagagg	tcctagactt	ttggagagtc	acagtaaaga	240
aagaaaacca	gtcacctgat	ttaaacaac	aatatattca	ggtttctgaa	tctagatttc	300
tagttccagt	ctttgaacag					320

<210> 1643

<211> 316  
 <212> DNA  
 <213> Homo sapiens

<400> 1643  
 tatecttcaa aactgaatgc aaaatagaga tgtattcaga caaaaaccaa gaaaactttg 60  
 cactagcaga ccaaacatgc acagatgag aaactaaagg aaattcttca agtagaatga 120  
 aaataatgcc aggtaaaaca tgaatataca aaaggaaatg aacagtgaca aggataaatg 180  
 aatactgagt ttacaaacag tgaatgtaat gtctgtggg gtctgaatta tacatagaat 240  
 acaaatgcac aataacaatg ccaatggcag aaagaggtaa attcatttaa aggttacaca 300  
 gttctagcag tactga 316

<210> 1644  
 <211> 317  
 <212> DNA  
 <213> Homo sapiens

<400> 1644  
 tatctgctgt aatattttta tctaggtag ggataaaaac atcccatttc tggactttac 60  
 ttggagaacc agctagaggt gaaattacga ccttcatga cctggactga aaacattttc 120  
 aagttctcta tttcgggtcaa tctgcccct ttaataattc cccaaagcat ctccccttc 180  
 cacctgtgct acgactctct tgcacacgtt ttgtattccc acagatcaca aaatcacaaa 240  
 gcaccggagc tggaagaatc tcaagagata atccaaggcc aggagcgggtg gctcacgcct 300  
 gtaatccac cactttg 317

<210> 1645  
 <211> 323  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(323)  
 <223> n = A,T,C or G

<400> 1645  
 atctggttag tacaatgcac ttatatatgc tgtgtgtgtg cgtgcgcgtg tgggtgagta 60  
 tgaggcccat ctttctctct ggaccatttc ttttcacaga attaacgtat gtacccatca 120  
 gatttggttt aagatctata ttctggtagc cacacaaatc acatcttgct tactgatctg 180  
 actcctatgt tattctgtct gaagttgcta ttgggtctctg tgacctttgg gaacttgctt 240  
 gatttctctg ccatttttat ccctatctca gatgcgtatt ttgaaatttt aatgtcattg 300  
 ttaatgtgaa gaactcagcc ag 323

<210> 1646  
 <211> 351  
 <212> DNA  
 <213> Homo sapiens

<400> 1646  
 tacggttgcg cgacgactac agaggacac gaaattaaag catatagagg tcaagttttt 60  
 ctccaatgtt actgcgataa catatggcaa agacaaaatt gtcaaccagg gtatttgagt 120  
 tcagagaaaa cactcttagt gcatatgtta gagtgtgaga gtcataaaca gcacattgct 180  
 tttacactga actctacac atatttgagc aactgggtga tttaaaaaaa ttattacacg 240  
 gatgatgaat tattaagcaa atctgaact ttttaaattg gagatatttt aatacttata 300  
 taagaaattg caggttttca ccatcatag ctttacatat cccacagagg g 351

<210> 1647

<211> 267  
 <212> DNA  
 <213> Homo sapiens

<400> 1647  
 ctactgtcat tatgtctggc ctactgtgaga aactctgtga gtagctatta attaacaaag 60  
 acaaagcaca ttaaagagaa attgaagga gggagggagg aaggaaagta aagtttgaga 120  
 ggaaaagaat atagattcct attctggg gataagtaat gaagccttat gcttgctata 180  
 ttttttcttt ctggaaatat ctgagtggtc tgtggtgaca gacgaaagac cattttactt 240  
 gaacaaagag tttaaataca gctga 267

<210> 1648  
 <211> 247  
 <212> DNA  
 <213> Homo sapiens

<400> 1648  
 tgggatatgt gtcgcttaaa ggactctctt gctgctttgc agacagtggc ttgaatgggt 60  
 caatggtttc tcacgtgaaa tcacgtgaaa gaatttcttg gaaagaatgg aatttaacac 120  
 atatgtgtgg gaggatttca atgtctggaa agaaataggg ttcaaaagag actgagctat 180  
 atgctgcaaa tcttgacact ggggtatata ccttacagtt tgaagagggg taattcaata 240  
 gaaaaat 247

<210> 1649  
 <211> 370  
 <212> DNA  
 <213> Homo sapiens

<400> 1649  
 tgtggactac gactgcgaca tgacacaga cggggatgag tgtgatccat cctatcctca 60  
 gatggaagga taaaaaacct atattcatta caattgatga gcaataacta ttatgagaaa 120  
 acacaacatg ccttcattgt accgcctc gcaacaatac gcattcattt gatcgaacta 180  
 cgtccatagt gaggggcatg tatatagac ccatagctaa ttctactca atggggaaaa 240  
 tcgaaagcct ttctcttaga ataggaca tgagaaagat gcccaactttc atccctttta 300  
 ttcaacatag tattggaagt cctgctaca acaatcaaac aagagaaagt aagaaggagc 360  
 atccaagttg 370

<210> 1650  
 <211> 356  
 <212> DNA  
 <213> Homo sapiens

<400> 1650  
 aggatgttag ccaggaggat ctccaggacc tgacctcatg attcacctgc ctccggcctcc 60  
 cgaagtgtctg ggattatggg ggtagccac caccgccagc ccatttgtcc tttttttaat 120  
 caaaagattt taaaagtaca agtctgcca cagagtgcag gtctgcaaag tgtttcgact 180  
 ctacaaaaga gtgtttgtat ttttaagtt caggaacat tttacggact aagacactga 240  
 ggccctagga gatagggtct cttgccaag ttgcagagcc agctggggcc cagggagttt 300  
 aatccaagtg gtgtgggtct cctctctct ctgttcaggg aagagcccc ttcac 356

<210> 1651  
 <211> 336  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(336)  
 <223> n = A,T,C or G

<400> 1651  
 caggctcacc gattcacttc atccccgtca ccagggtactt gttagttagg tacacaaaat 60  
 tattcttgtg gattcctgaa agtcttgtca cagtttgtta tctgcagact ctcaacttata 120  
 ttcatctcaa agaaacgaac atgatcacct ggtctagttc ttccgacaag cctggacaat 180  
 atagtaagat cccatatcta taaaatgttt tcaaaaaaat tagctgggtg tgggggtgtg 240  
 cacctgtggn gcctgtctatt caggaggctg aagtagggag atcccttgag tccaacagtt 300  
 agaggctgta gtgaacagtg atggtgccac tgcact 336

<210> 1652  
 <211> 342  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(342)  
 <223> n = A,T,C or G

<400> 1652  
 tattgttagt tattgttgtt aatctcttac tgtgcctaata ttataaatta aacttaataca 60  
 ttgggtatgta tgactaggac aagacatagt acggtatata taggatttat tattattttt 120  
 gggttttaggt atccatttta gggttttaggt atccactggg gatcttggaa tgttttccct 180  
 gcagataagg gggggactac tgtacattac tttctccatg taaatattgc ccatgtaaat 240  
 actgctgaga ccagtagtat attatgattc tatttacttt cttatatgct ttgntttcct 300  
 tctcaagtta attgcctgat tntatgttta tttcttttta tt 342

<210> 1653  
 <211> 412  
 <212> DNA  
 <213> Homo sapiens

<400> 1653  
 cggttctgtc ggggctgttg tgagagctag aggccttggtg gtaaaacaat gctagatgtg 60  
 gtgtctgtc ctgagcttaa aaatagcttg agaaagacag tgatattatc agaaaagaat 120  
 gtgcataatg aaaagttgaa acttttaaaa actcactcaa aactaagttt taaaaagag 180  
 ccaccgcgcc cagcctgaga cgtgttttaa agactgactt ttgtttcttt tctagatata 240  
 aatttagaaa ttgagaagtg tattttgaaa aggcataata agaaaaacta tgggtatataa 300  
 ttattttaac ttgccatatg aaaacctaag gcacaggag gtaacttgcc tacagggtgca 360  
 gccctaggaa gtcaggagc caggattcac tgtcagctga ctgactccaa at 412

<210> 1654  
 <211> 336  
 <212> DNA  
 <213> Homo sapiens

<400> 1654  
 cggggacggg ctggttcctg ccacactaac aattcgagaa gccaggccg gaattattct 60  
 tgagaccgag ggaataggac caatcctggc catcataggc tgacttcac gctccaacag 120  
 gatgatttgc atattatcca tgtgcaatgg cacacacctg gagtgcgacg tacttgggag 180  
 gctgaggtgt gaggatcact tgagcccatg aggcacaggt tacagtgagc caagatctca 240  
 ccactgcact ccagcctggg tgatagagca aggtcctggc tctaaaggaa attttaaaga 300  
 ttgcccttgg aattaagatt aatatgtatt ccttgg 336

<210> 1655

<211> 334  
 <212> DNA  
 <213> Homo sapiens

<400> 1655  
 agctgtgacc tgagggatga attgcccatt gattcattta ttgattgaaa cgccctttat 60  
 tgaaagtctg ctatgtgcca agcattgctt taggcacagg gtgtatatag tgttaaataa 120  
 ggtccctgct ctctcagagc ttacaatctg ataaaagaga aatgcaatga gcaaataagt 180  
 aaagaaaagg aaatatcaag caggcaataa cttctgctat gaaaatcaaa ctggggaatg 240  
 tgataagaaa tgcatagggg gctatgctag gtgggggtgg caggaaaggc ctttctgaat 300  
 aggtgaaatt tggaggttaa aaaacatgga tagg 334

<210> 1656  
 <211> 335  
 <212> DNA  
 <213> Homo sapiens

<400> 1656  
 aacatcacta tcaattaaca ttttaattga tagtgatgtt attaggcttt tcattttaagt 60  
 catctacaaa ttgattgaca attgaacttt atcatttgct tagttcactg ctaaatacaa 120  
 ctgtttaata cttttttcta atagtaaaaa catactgaag attgagaagc actggtgtag 180  
 aaaaaatatg taaatatata aaatgtaata gcctggaaat caatcagaaa attggaactg 240  
 attccatttg taagaacaga aacataaaat aagtttttaa cttataaaac ttttatttta 300  
 aaattactac aaacctcaat gtagggtata aaaga 335

<210> 1657  
 <211> 402  
 <212> DNA  
 <213> Homo sapiens

<400> 1657  
 tcgaattccg ttgctgtcgt ggacaaacat tccttttctt ttcaagatcc taaagctgat 60  
 catcaacgag ctctccaacg tcatggaggc taatgccgct cgccaggcca ctccctgcaga 120  
 gtggagtcga gatgactcca atgatatgtg ggaggaccag gaggagggaag aggaggagga 180  
 ggaggatggt ttatctggcc aacttttata tgacattctt gctacaagta aatatgagga 240  
 ggattactac gaggatgatg aggaagatga ccctgatgcc ctgaaggatc ctctctatca 300  
 gattgatctg caggcatatc tcacagattt cctctgccag tttgctcaac agccctgcta 360  
 cataatgttt tcaggccacc ttaatgacaa tgagaggcga gt 402

<210> 1658  
 <211> 399  
 <212> DNA  
 <213> Homo sapiens

<400> 1658  
 cgttgctgtc gcgagtagct gggattactt tcgcccacca ccatacctgg ctaatttttt 60  
 gtatttttag taaagacagg gtttcatgga gaaaccaata tagaattgtt caggctggct 120  
 tcgaactccc aacctcggtt gattcaccca ccttggcctc ccaaagtgtt gggattaaag 180  
 gtgtgagcca tcgtgcctgg cctaaaaaat tttttttctt tcatctgggt ttttgctttg 240  
 aaaacaagtt tctccaaatt tacagatttc ctgatgatgt tgggtctgaa ctcaccaact 300  
 tgattaggtc tttaggggac gagggactac ccagctgcac aggtgactgg atgggggagg 360  
 tgtgggaggg ttttctccac actacgtcct tctgcattg 399

<210> 1659  
 <211> 347  
 <212> DNA  
 <213> Homo sapiens

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<400> 1659
aaaccctgtg aggctgagct gtgaggggaag gtttggagtt tgctatggga aaggctgcag      60
ggtctataag aattgaaaag gggaggccaa ggaggcttca gatccccttg acagtatttt      120
taaaagatgc aggttaaaaa attgattttc ttgttattta tattttgata cctaattgaa      180
cttctccaac ttgacctctt ttaaaaacaa caacaagaaa aaaaaaaaaa aaaccctgc      240
ttccccttat tccttaaccc gggaggggcc tttcccaaaa aaaaaaactc cageccgatt      300
tctttgggaa aaaaaaatcc taaaaccctt aaaaaaatac ctttaag      347

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<210> 1660
<211> 362
<212> DNA
<213> Homo sapiens

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<400> 1660
aacaaaaaat atgaagacat actatgtgct gggaattatt ttaaaactaa gaaaacaata      60
aaggaaaaaa actagattgc tcctttccct cattattata ccacacgttt tctgtcagta      120
ctacaggaat atataaaagg tctatcttcc ttgagggcaa gattcaggtc taattaatct      180
tttgatcttt cttattactc agccagagtt ttgcacatgg cagacataag gtaatagttg      240
gttgagtcac ctatgtaaat gaatgctgct tagtgcctac aaaaatggga tttctcaaag      300
atgattagag aggtaagtgg taagggaagat gttttctcat aaaaccagc agctttggga      360
ag      362

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<210> 1661
<211> 176
<212> DNA
<213> Homo sapiens

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<400> 1661
agcttgcacg agccaccggg cctgggtcaag aataagggtca tttattgttg tataggcaat      60
aagtgtgaat caaggatact tttaaaaaact catagggtgag cccggggcatg gtggctgaaa      120
tcagcctgca caaccgtag tgagacacca tctctacaaa ttaaaattaa aacttt      176

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<210> 1662
<211> 358
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(358)
<223> n = A,T,C or G

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<400> 1662
gaagatgtga gtgtgactcg taaaggcaag agcatgtata ttatgcaaaa gcagcctgaa      60
atattttatt cacagacaga cagacaatgc ttgactccct gctaactctga aataacttcgt      120
ggggagggcc agggaaatca aaacaaaatt tcagaagtag aatgagctat ttggtgtatg      180
tctccaaggc cagtaaataa caagaaggaa aaataaattt ctttgctaac aacaagaagg      240
agaaataaac ttttttgctc taaaatatatt tccaattatc tccacgacac tggagggaag      300
gactancnnn nnnnnnnnnn ggagggaggg agggaaaaan nnnggaaagg aaaaagga      358

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<210> 1663
<211> 400
<212> DNA
<213> Homo sapiens

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<400> 1663

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cgttgctgtc	gggaacaaca	aaacatTTTT	catagagatg	ttataaaagat	tagagattat	60
ttggcactgt	gtgtgacaga	ttataaaggT	tcatgaatg	aaatctggca	aatttttaga	120
tatatgtatt	caacgaattt	tttggtggaa	cacagataac	ataatcctga	gaattaactc	180
tttgtacaga	cctcaagatg	agcaaagctc	tatcactttc	agaaccatga	ccactctggt	240
gattttgatt	tcagaatctt	ctttcattct	ggtaaacccc	ctttgcccc	ccaaatattg	300
tatggaaata	catttttttt	tttttttttt	gaaacaaagc	ccccctcact	ttgttcccca	360
aaaggaaggg	caggggcgaa	atTTTtggtc	accgcccccc			400

<210> 1664  
 <211> 365  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(365)  
 <223> n = A,T,C or G

<400> 1664						
tacgtctgcg	aatacgacag	aaggggggtg	agattgcagt	gagccgagat	tgtgccactt	60
cactccagcc	taggtgacac	agcaagactc	catctcaaaa	aaaaaaaaaa	aaattttttg	120
tttttttttt	tccccctttc	cccccccaaa	atataaaggc	tttttaaccc	ctgttatact	180
gctttattat	ttttaatagc	attattgaaa	tgagggtttt	ttttgtctcc	caaactggat	240
ttttttttac	cacaattttt	gttccttgaa	ccctaatttt	ctgggcctaa	ggatatcttt	300
tttctttaac	ctccacaatt	taaagggggg	tcaccacccc	ttggtaaatt	ttgattttat	360
ttgan						365

<210> 1665  
 <211> 328  
 <212> DNA  
 <213> Homo sapiens

<400> 1665						
tactgaagac	cagcgcgctt	cttacagctt	ttcacagact	ctcaccacaa	accagtgac	60
caggccaaac	atctctctta	cagattacag	ggTgggtgta	ctctgctggg	ataataatta	120
tggtatcctt	ctgaacctgg	ctaacaacaa	gtgttaacaa	tcatagggaa	atgggtttag	180
gaaagctaac	tgggttgagg	ttagagaggg	cataagggtg	tatgaggcag	cacaggatgt	240
ggccacaggt	cctgagtcac	agagcaagac	cgggcctcta	aaaacaaatt	tttttatttt	300
ggagggtgga	ggataggggg	tgggagggg				328

<210> 1666  
 <211> 320  
 <212> DNA  
 <213> Homo sapiens

<400> 1666						
tcagatggag	atggTgggtg	cacaacattg	tggatgtact	aaatgccact	aaactggtcg	60
ctttcaaatt	gttgatttta	tgttatgtaa	atttcacctc	acattatttt	taaaaatgat	120
ggcttttaaa	gaatatTTTt	tgacatagga	aaattcacac	cacataccta	ttattaaaac	180
tggacttaca	atataatctc	aattttgaaa	gattaaaaat	gtacatgtga	gtttgtgcat	240
atatacatat	atacagatat	gcgcgcgcgc	acacacacac	acaccatata	tatatatata	300
tactcatcct	cctccccaaa					320

<210> 1667  
 <211> 343  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(343)  
 <223> n = A,T,C or G

<400> 1667  
 taaacaatta tgttcctata ctttaccat ttaaaaattg gtttggtggt ctttttctta 60  
 ctgacttcag gagctgcttt tatttctgtc ccaatttttg caccttctaa ctggctggaa 120  
 tagtttttac tgatatgact atgtactggg aaaaccctaa aagaaactaa tgattaaacc 180  
 aactcaaaca ataaagagtt cagtaattgg tagatgcaaa ttggtagata cagtagcctt 240  
 catgtccaca aataatagac agttaaaagt tatgatggta gagaaagccc catttcaata 300  
 gcaaaagaga agataaaaat atttagaaat aagttcaaga aan 343

<210> 1668  
 <211> 337  
 <212> DNA  
 <213> Homo sapiens

<400> 1668  
 taaacaatta tgttcctata ctttaccat ttaaaaattg gtttggtggt ctttttctta 60  
 ctgacttcag gagctgcttt tatttctgtc ccaatttttg caccttctaa ctggctggaa 120  
 tagtttttac tgatatgact atgtactggg aaaaccctaa aagaaactaa tgattaaacc 180  
 aactcaaaca ataaagagtt cagtaattgg tagatgcaaa ttggtagata cagtagcctt 240  
 catgtccaca aataatagac agttaaaagt tatgatggta gagaaagccc catttcaata 300  
 gcaaaagaga agataaaaat atttagaaat aagttca 337

<210> 1669  
 <211> 331  
 <212> DNA  
 <213> Homo sapiens

<400> 1669  
 gtttcattct gcatgtcttt ggtcatacaa tagtctattc tattattcta taggcatttt 60  
 tctaaccac tccaaatcca ttttgcagt aggtacggat ataaatacaa aggtaaacaa 120  
 tgtaattgta ttacttgtgt atgcatgtat gttcttgcag gtgtgtattg agaggaatgt 180  
 ttgtctgact acctccatgt gccagtctga tcttctggag agaaaattgc tgggaggctg 240  
 tgacatgaac cagtgtggag gcaaattaat gacaagactg agaactggca tgaagagaaa 300  
 tccatgagat ggacaagcca cctttttaag t 331

<210> 1670  
 <211> 328  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(328)  
 <223> n = A,T,C or G

<400> 1670  
 ggagcgtttg aacacaccac ggaaatgatg ccctgcccta agcccttggt ttgggaagga 60  
 tgagatccta ttgttttttg tgtcccctct attatctttt gaacatgggt taactacatc 120  
 tacggcattt ataacatgtg gcaagcataa gctcttgagt ctgatgtttc tgatgccatc 180  
 tactcttact gcctttggca cctcccagct actgacttcc tctgtcttcc ccctggatcc 240  
 agatacgtgg ctgggaagag cccctggcct ttgtagccag aggaggtggt gaccatgggc 300  
 aacaggccac tgtgctcctg gatgcgtn 328

<210> 1671  
 <211> 384  
 <212> DNA  
 <213> Homo sapiens

<400> 1671  
 cgttgctgtc gaaaaatgta aaggagctca gccttttttt catacaatat ttgttcatat 60  
 cattaactcc ctcatattta tgtacataaa ttattggtgt taatgatatg aacaaatatt 120  
 gtatgaaaaa aagcgaaaat gcaaagtgtc aattcctggg caggggtggga gaaggcaaat 180  
 caccacaataa aggataaccc tttaacattt tatctaagaa aaaagaagga agagaaaaat 240  
 atttaccatc tcagattaga agacaatata aatatataca tctatgttaa tacttttgaa 300  
 aataccagca aaatagaaac atatgttttc ctccagaaaa atagaaaacc ttggaaatta 360  
 gtaaccatgt ttccatgggtt atta 384

<210> 1672  
 <211> 348  
 <212> DNA  
 <213> Homo sapiens

<400> 1672  
 tgggtacgtac ctgtagtccc agctactcag gaggtgagg tgggagaatt gcttgagcct 60  
 aagaggtcga ggctgcagtg aggtgtggtc gcagcctggg taacagagtg agatcctgtt 120  
 tgaaaaaaaa agagcaaagg gcaaaaaact aagagttgca tatgaaagaa ataccaatga 180  
 ataccacgga aaagatgttc aattccattc ataagatgag atatacacat ttggtttata 240  
 aaaagatagt ggtcttcacc taaaaaaaaa tagcaaaagt taaaagtctc agtatatact 300  
 atatttgttg aagctgcttc agggaaagaa tccagccttg atggtaga 348

<210> 1673  
 <211> 129  
 <212> DNA  
 <213> Homo sapiens

<400> 1673  
 tacggctgcc atatgacgac agaaaggagg aggaagctgt ttgtattcct tgggctcggg 60  
 tggctcatag tggccgggtt ttccgcgctc ttttctctgt gtaccagatc gggataggtc 120  
 tctcttggg 129

<210> 1674  
 <211> 427  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(427)  
 <223> n = A,T,C or G

<400> 1674  
 acacagctct tgtctttttg cggannnnntt gttctaattc ggcacgagcc cacctttgcc 60  
 aaggtccagc ggggcggtcca ggacatgatg cgtaggcggt ttgaggagcg caatgttggc 120  
 cagatcaaaa ccgtgtaccc ggcctcctac cgcttcgcgc aggagcgagc tgtccccacc 180  
 ttcaaggatg ggcgccaggag gtcagattac cagctcacca tgcagccact gctggagcag 240  
 gaggtgacg gagcagccccc ccagctcacg ggctcgcgcg tcctgcagcg acggcagatc 300  
 ttcagccaga agctgggtgga gcacgtcaag gagcaccaca aggccttcct ggctccctg 360  
 agccccgcca tgggtggggcc ggaggaccag ctgacccgct ggcacccgcg cttcaacgtg 420  
 gatgaag 427

<210> 1675  
 <211> 255  
 <212> DNA  
 <213> Homo sapiens

<400> 1675  
 tgtcacctta ttcacacatc cagacacgtg atgtctgcta cacataccta ccatttttaac 60  
 attcatgctt acacacacat tcacatgcat acagagagaa aggagctctc tctctttcat 120  
 gggtttctca ttgagaatca tgatgatatc agcacaggtc tttggaggaa aggaaattta 180  
 cattctatat ctggaacctc aagaatgttc cagccgtgtg tgggtggctca caccactggg 240  
 tgtggtggga ggcca 255

<210> 1676  
 <211> 350  
 <212> DNA  
 <213> Homo sapiens

<400> 1676  
 gagtttgcag agacaggaag agagcagtct gggaggaggg aacaggggtga gcaaaagcag 60  
 actatggaag gcagaggcat aagacagtgc aataagttgt acaaggggaag atgagggtga 120  
 cacctgacca ctgaatgtca ggttgaaaag gcccaacatt ccccacacc caccatttc 180  
 caaaacacac atgcacgcac acacatgtgc aaagaattcc agcctcatga aagagtggag 240  
 caggttcagt ctccaccatag atcaatttca tggagatgtg tccagccatg tgtacatctt 300  
 ctcccattga agaggctatg gaggtaagaa cctatatcca taagccatgg 350

<210> 1677  
 <211> 388  
 <212> DNA  
 <213> Homo sapiens

<400> 1677  
 cgttgctgtc gctgaggtgc acagagccca aaggcagaga gaggggctga aggatagaca 60  
 ggtgtgtagc atgggctagg ttacgggtga gtgcttacta aatgctgtgg aatgattgca 120  
 tgagttccag aaggacccag actggtgaga cagagaatgc agaattggct aactgggaa 180  
 ggagactcca cctgacacag caggagaagg ataagcagat gtatagtgtc tgggcagggc 240  
 caggcaaagg ggagatttgc tcagaaaatg ttgaatgaat gaatgcacaa atgcatggga 300  
 aggcaaaggt aagcatgaga gagccacaga gatgaaacaa acaaacaaaa aagacagaaa 360  
 tagggaatta aatagggccca ggcacggt 388

<210> 1678  
 <211> 368  
 <212> DNA  
 <213> Homo sapiens

<400> 1678  
 ggctgtacaa agagacagag gctgttagct atggctgaag acagtggcaa aaaaaaaaaag 60  
 ggggaaaaat ttttaaagtt ttgtccaagg gttcccttaa aaggggttg gaaacctcgg 120  
 gaataacccc ctgtttaaaa accacggggg ttggacaaac ttttttccaa cccttagtcc 180  
 ttattccggt taaaaggcca cccggggtaa aaaaagccac ccccaaaaaa aaaccggtaa 240  
 aatgggtggaa accccgggca aaaaagggtt ttcagggggt tttaattttt tggcaaaaaa 300  
 acaatttttg ccctttgagg gagaggaaaa aaaaaaattt tttttggtcc ccattgtgga 360  
 aacggggc 368

<210> 1679  
 <211> 429  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(429)

<223> n = A,T,C or G

<400> 1679

gagagcatta	acccannngt	tttgnagagg	aacccatcga	ttcgaattcc	gttgctgtcg	60
ccaatgtgcc	cttcctgggt	gccctggcgc	tcctgagctc	cgtcctgggg	ggccttgtcc	120
tggtcccccg	cctcctgcag	gggcccgtgg	cgctgaggaa	catcactgac	accggcttca	180
agctgctgct	gctgggtctg	gtcaccctca	acttcgtggg	ggccttcatg	ctggagagcg	240
tgctagacca	gtgcctcccc	gcctgcctgc	gccgcctccg	gccaagcggg	gcctccaaga	300
agcgcttcaa	gcagctggaa	cgagagctgg	ccgagcagcc	ctggccaccg	ctgcccgcgc	360
gccccctgag	gtagtgcagg	cccacgggca	ccccagacac	tggaaactccc	tgccctctgag	420
ccaccaact						429

<210> 1680

<211> 411

<212> DNA

<213> Homo sapiens

<400> 1680

ctcactcccc	ggcagcttag	agcaaggggg	gagctgaact	tccaacaaga	tgagctgggtg	60
gacggaggcc	agcggggcca	catgcacaac	ggccttaact	accgtgaggt	ccgcgagttc	120
cgtcccgacc	accatctggg	acgtttttac	ttcctcacc	gcgtgtactc	cgattacctc	180
cagaccatct	tgaaagagct	gcagtccggc	gagcacgccc	ccgacctggg	catcatgaat	240
tcttgccctc	gggacatctc	caggtatggg	ccgaactcct	ggagaagcta	cctggagAAC	300
ctggagaacc	tggtccagtg	cctggggccag	gtgctgccc	agtcttgcc	cctgggtgtgg	360
aacacggcca	tgccctgtgg	cgaggaagtc	accgggggtt	ttcttccgcc	c	411

<210> 1681

<211> 405

<212> DNA

<213> Homo sapiens

<400> 1681

ggcacgagga	ccgaccagga	ggtcctctgt	tgagctgggtg	cgggcgaagc	tgccggctgt	60
ggggggccctg	atggagcgtc	tcgggtgtgct	gtggacgctg	ctgggtgtccc	gctgggtcat	120
ctgcctgttt	gtggacatct	tgcccgtgga	gacagtgtct	cggatctggg	actgtttgtt	180
taacgaaggc	tccaagatta	tcttccgggt	ggccctgacc	tttaattaagc	agcaccagga	240
gttgattttg	gaagccacca	gcgttccaga	catttgcgat	aagtttaagc	agataaccaa	300
agggagtttc	gtgatggagt	gtcacacgtt	tatgcagaaa	atattttcag	aacctggaag	360
cttatccatg	gccaccggcg	ccaagctccg	caagagctgc	agggg		405

<210> 1682

<211> 383

<212> DNA

<213> Homo sapiens

<400> 1682

cgttgctgtc	ggtttgaacc	cgggtgaggcc	catgtgggca	ggccgtgggt	aggcaggggg	60
caccgcgggg	cctggcatat	cccagcagcc	tggctctgtc	tcgagcaggg	gacaagacgt	120
tcgaggagta	cctggatgag	tattaccggc	tggactacga	ggacatcatc	gacgacctgc	180
cctgtcgctt	caagtaccgc	acagtgggtg	cctgtgaact	tggcctcagc	actgaggaga	240
tcctcgctgc	tgacgataag	gagctgaacc	gggtgtgtc	cctaaagaag	acctgcatgt	300
acaggtcaga	gcaggaggag	ctgcgggaca	agcgggcgta	cagccagaag	gcccagaact	360

catggaaaaa gcggcagggtc ttc

383

<210> 1683

<211> 419

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(419)

<223> n = A,T,C or G

<400> 1683

cgttgctgtc	ggcgtagatg	tttccacca	ctattctaac	agctctatct	atgaatatat	60
tgtacggcgg	ggggccctgg	atctctcttt	ctttgatttg	atccgctact	gtgtcagcgt	120
ttgcaatcag	attgcatctc	acctgcacat	acatgtcttc	agaatcaagg	tctctacagc	180
tcattcta	atcatcatta	gatgtaattg	gtatatagga	acatcatgtt	ttctgcagga	240
aagaaagtaa	catattaagg	agaatggggg	tggataagaa	caaataataat	ttataataat	300
caatgctgga	taacttttat	tctttattat	tggtaacacg	ccctaactat	cctgtgtgag	360
aatgggaatt	tcaagtccca	tcttgcaaat	tggatatgtt	gtcatgcacg	gtttgagcn	419

<210> 1684

<211> 324

<212> DNA

<213> Homo sapiens

<400> 1684

tgggattaga	ggcgtgtgcc	accatgcctg	gctaattttt	gcatttttag	tagagacagg	60
atttcacat	gtttgctagg	ctgggtctcaa	actcctgccc	tcagggtgatc	catctaccat	120
ggcctcccag	agtgttggga	ttacagggtg	gagacaccgc	acctggataa	cagtctgttg	180
ttgatcacca	gtttttatat	aatttttctt	ttgaacacaa	gtatattata	aaaataacttg	240
aaaggagtat	tcaaaaattg	attttgaata	ccgggttaaa	gattcaggta	tggtcgtttt	300
cctacttcga	aatgcagagg	aggg				324

<210> 1685

<211> 322

<212> DNA

<213> Homo sapiens

<400> 1685

attgtttttc	ttccagtttt	tctttttcca	aaaaagggat	tcaagctggc	ctgcaaactc	60
aaatggcttg	tacatagttg	agattaaggc	aaatacacaa	gattgtatcc	tgtttttttc	120
agctacatta	tacacaagta	tcttcccttg	tgataatgta	gtttttataa	atataagttt	180
ttaataacta	atatttcatt	atgtgatata	tcatgattta	ttattttaaa	ccatttctgg	240
attgtcttgg	tttcaacttg	ggaagggtct	acaaaattct	ttaacaaaga	tctggatgcg	300
gcagactcag	tggcttacgc	ct				322

<210> 1686

<211> 319

<212> DNA

<213> Homo sapiens

<400> 1686

tccttacata	attgtgactt	agaattat	agaagagaaa	tattatttat	gagaagaaaa	60
aataattaaa	gtcataatct	ttaaagctta	aatttttaaa	agacaaagtt	taacagcaac	120
cattgagggt	gaattattta	ttgttttgot	ctcttaacat	acctttgggg	aatacaaat	180
aaaataacaa	gaactattta	atttattgct	tatctgactg	gcaaggataa	aatgaatgt	240

taacat	tttat	cagcaagcat	gtgagaaagt	aggctttctc	atgcactact	tatgtgaatt	300
aaaatt	gggta	aaagttttc					319

<210> 1687  
 <211> 422  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(422)  
 <223> n = A,T,C or G

<400> 1687							
ggcacgaggt	gaacacggcc	aaaggattga	gtggcgaaaa	tggaagcaac	agaagaaaga		60
ggagaaaaaa	aaatggaagg	atctcaagct	gatgaaaaaa	ctggagcggc	agcgggcaca		120
ggaggaacag	gcaaagcgcc	tggaagagga	ggaggcagcg	gcagagaagg	aggaccgcgg		180
gcggccctac	acactgagcg	tagccctgcc	gggctccatc	ctggacaatg	ctcagtcgcc		240
ggagcttcgc	acctacttgg	ccggtcagat	tgccagagcc	tgtgccatct	tctgtgtgga		300
tgagatcgtg	gtgtttgatg	aggagggcca	ggatgccaaag	actgtggagg	gggaattcag		360
aggagttggg	aagaaggggc	aggcgtgcgt	acagctggcc	cggatcctgc	agtacctgga		420
gn							422

<210> 1688  
 <211> 373  
 <212> DNA  
 <213> Homo sapiens

<400> 1688							
cgttgctgtc	gggctggtct	tgaactcctg	acctcaggtg	atctgcccgc	ctcagcctcc		60
cacagtgtctg	ggattacagg	tatgagccac	cacgcccggc	ccattttttt	ttttgacaac		120
tttttttttt	ggaaacgggg	ttttgtccct	tggccaaaat	gggagggcgg	gggttggata		180
aaagttaatt	gggcccggaa	atctttttggc	ctaaccctcc	aaagtgggtg	aaactacggg		240
tggccccatt	agccccggct	agttttttcaa	tttttggaaa	aaagacgggt	tttttttttt		300
tgaaaagggg	tttttttttt	gccccaaaag	tgggggggaa	agccggggct	aaccctattg		360
gaagcccccg	ccg						373

<210> 1689  
 <211> 343  
 <212> DNA  
 <213> Homo sapiens

<400> 1689							
cattggtagg	aggttatgct	tttttctggt	ttttgtttta	ctttcaacct	aggttataag		60
actgttattc	tatagctcca	acttaagggtg	cctttttta	tcctacagt	tttatgggtg		120
ttatcagtcg	tggagaatca	tgtagttaat	cccattgctc	ttacaagtgt	cagcttactt		180
gtatcagcct	ccctacgcaa	ggacctatgc	actggagccg	taggaggctc	ttcagttggg		240
ccccaggat	aaggctactg	atgtgatact	aaatgaatca	gcagtggatg	tagggattag		300
ctgatttttaa	aacaactcgg	ctgggcacag	tggctcacac	ctg			343

<210> 1690  
 <211> 406  
 <212> DNA  
 <213> Homo sapiens

<400> 1690							
ggcacgagga	gagtatggaa	cccttccct	tcgtctctcag	ccggaggcca	gctgcgtcca		60

gccgggctcg	gtcttctgaa	caccgatttc	aaatcaggtc	cccggggccc	agcgtcactt	120
agggaaagtgg	tggcattttg	tggttgctgc	taaatcacgg	agagcagcct	tggcgctgcc	180
ggccccaaact	tgatccaagg	agccttgaga	aggagatgag	attcagtacc	aggggcccgc	240
cgtggctccc	atcctccgga	atctgcaaaa	tggctacttc	ttcagaaata	atggggagag	300
ggatggcaag	agggccagaga	tcaaggccct	cgagtattaa	cttgagcatt	tgggcacaaa	360
atagacactt	ttggattttc	ccgtcttttc	caacaccaag	gatgag		406

<210> 1691

<211> 363

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(363)

<223> n = A,T,C or G

<400> 1691

cagaagttta	atTTTTtata	atgatggatg	aagacagtaa	tatctacctt	gagtggcttg	60
tcataagtat	taaataataa	aaactagcat	taaaaatatc	tagcatacct	agatatatgt	120
tatatgttat	agttatatgt	ttaaaaattt	gtgtttattt	catgccttat	ttatctttaa	180
gaaactttat	agcctgatcg	gtgctgattc	tttttccaaa	aagtcacgta	aaatTTtatc	240
aggacaatgt	tttctgtaac	aaccattatt	tcttgtcttt	ctgccataag	tggagaaaaa	300
agatgtgaag	gatcttgagt	tttcatactt	tctaaatggg	ctaagagtac	agatgtcaga	360
agn						363

<210> 1692

<211> 408

<212> DNA

<213> Homo sapiens

<400> 1692

cgttgctgtc	ggttcgctgg	gaggtatgga	tttcatttcc	attactaatg	cctgcaattg	60
ctgataatag	acgtgcccc	ggaatcgctg	catgggaaat	ggagcaaggg	tctccttctg	120
tggcccagtc	tggaaatgta	gtggtgcaat	ctcgactcac	tgcaacctcc	gcctcccgga	180
ttcaagagat	tctcctgcct	cagcctccca	agtaactggg	attacacgta	cgcaccacca	240
tgcccggcaa	atTTTTgtat	ttttagtaga	gatagggttt	caacatattg	gccaggctgg	300
tctcaaactc	gtgacctcaa	gtcatctgcc	cgcctcagcc	tcccaaaatg	ctgggattat	360
aggcgtgaac	catcacaccg	ggccattcca	atcactcttc	atttctctg		408

<210> 1693

<211> 443

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(443)

<223> n = A,T,C or G

<400> 1693

tagacaattc	nnttttgtga	aaatannacg	gccctcgaat	tcggcacgag	ggcacttctg	60
ccgctgcgcc	tgtttctgca	ccgataactt	gtacgtggcg	cgctatgtgc	tgcacgtgcg	120
cttccgaggc	gagcaccagc	tgcgcgggga	ctacggcccg	atcctgcgca	gccgaggctg	180
tgttagcgcc	aaggacttcc	agcagctggt	agcagagctt	gagcaggagg	tggagcggcg	240
gcagcggctg	gggcaggagt	catcagctag	gaaagccctc	atcgcgagtt	cctaccaccc	300
ggcacggcct	gaggtctacg	actcactgca	ggatgcagct	ctggcccccg	agttcctggc	360



cgtgactgag	tacagcgtgt	ccccagacgc	agacctcaag	ggccttctcc	agcggctgga	420
gacagtatcg	gaggaaaagc	gcc				443

<210> 1694  
 <211> 374  
 <212> DNA  
 <213> Homo sapiens

<400> 1694						
ctatggttga	attatttggg	aaactatctg	aggctcatat	aatttagtat	ctttcattat	60
aagattattc	ttatatccat	ttctataagt	ttatattcta	atztatgtta	tattccagg	120
agatgctgtt	ttttttaaat	gaatttgctc	tttgcattha	aatattttaa	tatatcgga	180
aatagttgtg	atcggaatccc	ttatcttcat	ttttacaacc	tcattcttat	cctacatggc	240
ggaccagccc	ttcttacaag	gaagtcgggt	ttttggcggt	taaagtcaca	aagatctact	300
gcgcaatcag	cgcggggtcga	atagccctc	actttctaca	tttttcaata	caacaactcc	360
gtcgggggtca	tttg					374

<210> 1695  
 <211> 389  
 <212> DNA  
 <213> Homo sapiens

<400> 1695						
cctgtctctg	ctaaaaatac	aaaaattagc	tgggcatggt	ggcatgcatc	tgtagtccca	60
gctactcagg	aggctgaagc	aggacaatca	cttgaaccca	ggaggtggag	gttggagtga	120
gccgagattg	cacaccacta	tactccagcc	tggcgacaga	gcgagactcc	gtctcaaaaa	180
aaaaatcact	ctgtcaacag	caacaatata	ctttcttctc	aatgttcatt	acaagctttg	240
tgtctggcca	caaaacaagt	ctcagtaaat	gagatagaat	taaaatcacg	cagagggtat	300
tctctgtccg	cagtggaaat	taggactcgg	taagatatct	ggagaaaatg	ctggccaggc	360
acgggtggctc	acgcctgtaa	tcccagcag				389

<210> 1696  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<400> 1696						
tacggtttgcg	agatgacgac	agacgggact	gtgcacatgg	acacaagtga	tcctcagtcc	60
ttactccaaa	cccacatctt	tgagagacag	gccacgctgg	agtgtgtgtg	ctcgatcacg	120
gctcactgca	gcttcaaact	ccgcctcggc	ctccataatt	gctgggatta	caggagcgtg	180
ccagtgtgtc	tggccttaac	ttgcatthtt	acataagact	tctaaaaaaa	aaggagaaaa	240
tcttcacaat	cctgggatag	acatggaatt	cttaggacat	ggaaagtaat	agaatttcaa	300
aattctgctt	cctgaaagac	actgttaaga	aagtgaggag	gcaaggcaca	gactaagaaa	360
atattcacat	cacacacata	tttatt				386

<210> 1697  
 <211> 359  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(359)  
 <223> n = A,T,C or G

<400> 1697						
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atagaaccct	cctttccttg	ttcccactct	tgattctttt	gaacatgggt	tacctccctt	120
cgcgtctttt	ggaacagaag	gggatcataa	gctcttgagt	ctctgttttc	tgctgtcatc	180
tactcttctt	gcctctggca	cctcccagct	cctgacttcc	tctgtcttcc	ccctggagcc	240
agagacgtgg	ctgggaagag	cccctggcct	ttgaagccag	nggtggtggt	gaccaggggc	300
aacaagccac	tgtgctcctg	gatgcgtggg	ctggcaaatc	tctctcccat	tcgcctttg	359

<210> 1698

<211> 399

<212> DNA

<213> Homo sapiens

<400> 1698

cgttgctgtc	gaaagcgta	gtgaaatatg	aagtgatgag	gaatctgaaa	atgaaattac	60
aagtgttggt	agagcttcag	gtgatgacga	tggaaagtga	gatgatgaag	aggaggatga	120
agatgaagag	gaggatgaag	atgaggatag	tgaggatgat	gataaaagtg	acagtggccc	180
tgatcttgca	aggggtaaa	gaaatataga	aactagtctt	gaagatgaag	atgatacggc	240
agatttggtt	ccagaagaat	ctgggttttg	gcatgcttgg	agagaattag	ataaagatgc	300
tcctcgtgct	gatgagatta	cacgtcgatt	agcagtttgt	aacatggact	gggatatagatt	360
aaaggcaaaa	gatttgctgg	ctctgttcaa	ttcatattaa			399

<210> 1699

<211> 388

<212> DNA

<213> Homo sapiens

<400> 1699

cgttgctgtc	gctgcctccc	tctgggacta	agtgcctgga	gagcctcctg	ggctcagtgc	60
ccccgccttg	ccttggcctc	cacagccttc	gggagctccc	agaccagtg	ctgagtgagg	120
agggtgtgga	gggcattgct	gctggcattg	aggcagccct	ctgggacctg	acacaaggca	180
ccaatggccg	agacaagacc	aagtatcgca	gcctgctgtt	caacctgcgg	gaccccagga	240
acctggactt	gtttctcaaa	gtggttcatt	gagatgtcac	cccctacgac	ctggtgcgga	300
tgagctcgat	gcagctggcc	ccccaggagc	tggcccgcgt	gcgggaccag	gaggagaaaa	360
ggggaccgca	gatgttcatt	gactgcag				388

<210> 1700

<211> 406

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(406)

<223> n = A,T,C or G

<400> 1700

cccatcgatt	cgaattccgt	tgctgtcgga	aggccgtggt	gcagcgcgtc	acccggggcca	60
gcgtcacagt	tggaggagag	cagattagtg	ccattggaag	gggcatatgt	gtgttgctgg	120
gtatttccct	ggaggatacg	cagaaggaac	tggaaacacat	ggtccgaaag	attctaaacc	180
tgctgttatt	tgaggatgag	agtgggaagc	actggtcgaa	gagtgtgatg	gacaaacagt	240
acgagattct	gtgtgtcagc	cagtttacc	tccagtgtgt	cctgaaggga	aacaagcctg	300
atttccacct	agcaatgccc	acggagcagg	cagagggtct	ctacaacagc	ttcctggagc	360
agctgcgtaa	aacatacagg	ccggagctta	tcaaagatgg	caagtn		406

<210> 1701

<211> 347

<212> DNA

<213> Homo sapiens

<400> 1701  
 tatattaacc gactaaaaga ggaaaataac accatgggca ttctccctt ttgcctggaa 60  
 ccattgttgac taaaatgtgt gcctattata agccaattgt gtctcactt ggcgtgggtt 120  
 caaggtaaca aagatttgat cttattttaat ctcttctcac atgtggtaga cagaattcct 180  
 aggtgaccca catggctttt gttccctggg ttactcgca tggcatgtt atgttgagg 240  
 acaaagata ttatgcagat gtaattaaaa tgacttacta atcagttgac cttaggagag 300  
 attatctaga tggatctaac gttatctcac gactacttta aaaacag 347

<210> 1702

<211> 327

<212> DNA

<213> Homo sapiens

<400> 1702  
 cgacagaagg aggggttggt cccacctttg actgatgggg aaagtgcagt ttgaagcggg 60  
 ttatgcaagg tcctatagct caggattcaa acccagggtc tcttgcttta aagccacact 120  
 gggcttttaa tactacacca aagcctcctg ttatctcgtt tgccttgaa cccccacag 180  
 agaagctgga aaaataaaaa aaacaaggac gacacacaag cagaaagtga tgacctgctg 240  
 tttgtagttg atcaaagtc atcgatgctg cttatgtgac gtgggtgtcca tgcaccatcc 300  
 atttttattt ttcagggtct agttacg 327

<210> 1703

<211> 329

<212> DNA

<213> Homo sapiens

<400> 1703  
 attgcaactga ttcattgtga tggttccctt agtcatgcac catgcggcct ctgagaaaag 60  
 cacaatatgg aactctatcc tagctccca gagattttta acctctactt cttccaagaa 120  
 tttttgttcc tggacttaga agtcagggca gaggcaagcc aggaaggca gcaaacagct 180  
 ttaacttctt cctctctctc gttgccttat atctctcttt gccctttgc tctctgccc 240  
 aatcctcaca atagttaaca gctactttac ccaaatatca aactagccag agaagctact 300  
 gaacatgatc atttaaaaaa aaaaaaaaaa 329

<210> 1704

<211> 330

<212> DNA

<213> Homo sapiens

<400> 1704  
 caacctgtag tatgggaaaa atatttgcaa accatacgta tgataaaggg ttaatatcca 60  
 aaatatgtca ggaactcaca gagctcaatg acaaaaaaaaaa aaaaaaaaaa agggaaaacc 120  
 ctttttttaa aagggaacaa gggtttgaaa aaattttttt ccaaaaaaaaaa acaaaaaagg 180  
 gtttaaggggc ttttggaag ggtttccccc ttataattt ttaaaaaaat ccaaattaaa 240  
 aaaaaaacgg gggcccccct tccttcaatt aaaagggggt tttgccctta aaaaccccaa 300  
 aaacaaccgg gggggggggg ttggaaaaag 330

<210> 1705

<211> 351

<212> DNA

<213> Homo sapiens

<400> 1705  
 ttatggcttg aagtttcatt tgcctttttt ttctctatta tctaccacaa atctttaata 60  
 atttggttgt aatctggata ttagctttct ttagaaaata ttttatattc cttaaatctt 120  
 ttttaacatg ataaataata aacataaata ggaataaaga ggaatgaatt tagttcctgg 180

ctggagatga	ctaaataaat	tacaagtgat	aatattcttt	aagttattag	tataatttaa	240
caaactaaag	acactcaaat	gatgtttcaa	aggttggtga	aaaaaactga	taaatttacc	300
tagaaaaaaa	gttttgagat	aaagttaatg	gcgttgaaga	tgacctactg	g	351

<210> 1706

<211> 346

<212> DNA

<213> Homo sapiens

<400> 1706

ttatggcttg	aagggtcatt	tgcctttttc	ttctctatta	tctaccacaa	atctttaata	60
atttggttgt	aatctggata	ttagctttct	ttagaaaata	ttttatattc	cttaaactct	120
ttttaacatg	ataaataata	aacataaata	ggaataaaga	ggaatgaatt	tagttcctgg	180
ctggagatga	ctaaataaat	tacaagtgat	aatattcttt	aagttattag	tataatttaa	240
caaactaaag	acactcaaat	gatgtttcaa	aggttggtga	aaaaaactga	ttaacttacc	300
tagaaaaaac	gatatgagat	aacaggagtg	gcggttgctc	tcacct		346

<210> 1707

<211> 296

<212> DNA

<213> Homo sapiens

<400> 1707

aagctattag	gaatcagtta	aatgttttgg	gattttgtct	gagaatgggc	taaaggagaa	60
tgtccctttt	gccttctgaa	gtttccctga	aaatcactaa	taggaggcag	ataaatagta	120
gaaaaggcat	aaaggtttct	gcaatgtgtg	tacactggag	cccttagaac	gaagacccag	180
acacacgatg	cgtgcagaag	cttatctacc	acatgaagtt	tacagaaaga	atgggggtctt	240
ggatcacagg	aaaaaaaaaa	aggttatgtg	agaaaacgac	cctggctagc	aacagg	296

<210> 1708

<211> 351

<212> DNA

<213> Homo sapiens

<400> 1708

aaacagcaaa	tatataaaac	atacaatata	aacaacattg	atgatatatg	tatattatct	60
acataatacc	cacaaaatag	aaaaagaaaa	tttcagtaca	caggaacaat	attgttcaca	120
aagtagtttt	caataaactt	taaagaaatt	atattataca	aaacacgttc	tttgataaca	180
attataaatt	atgaataaaa	atatagttaa	atatatatta	gaaactaaaa	ctcctaaata	240
atccttgaat	caaagaggaa	atagaaatgg	aaattacaaa	attttttagaa	tgaaattttt	300
atgtactata	taaaaaatgt	gtgtaataaa	gccaatgtac	attcatagac	c	351

<210> 1709

<211> 353

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(353)

<223> n = A,T,C or G

<400> 1709

ggctgcatga	gctgttgcca	ttcctaaccc	ctgtgctgtt	caaggttcaa	ctgtactgga	60
ttttcttgaa	aattcagaag	tgttggaaac	cctgggcccg	gatttctatg	tgacagcaat	120
tttggggctg	agtggcttca	tttagatggg	gcatgtgctc	cccatattct	gtctctccct	180
taacactgag	gttgatgata	gtgacctcaa	catcaatgag	gtagtgtgtg	ttccatgtca	240

tagaattaag	aggaggttga	agnatttccc	cttctcactt	tcagcataac	tggaacaatg	300
gaacatcccc	ttagggcacc	atattttaag	caagaaagga	agagggcatc	ttt	353

<210> 1710  
 <211> 354  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(354)  
 <223> n = A,T,C or G

<400> 1710						
aggttttcca	taaacctaga	aatatgactg	aagaaaaata	ttccaaataa	cgattagggg	60
tggcatttta	gcttagtgag	atcataagca	tattttattta	tacttagaca	taaagccagc	120
aaataagatg	gggaaaggaa	agaaggaata	aaggaggaca	gagaacaatg	aaggatgagt	180
cagctagttt	tttaaaaaga	aaagaacaga	atgacgaaga	aaaaggagca	gaaagaaaga	240
caaccaaatg	gggagaaagg	gaaacaaagc	tactagaaac	tatgaatgta	tcacttgcc	300
accatgaacc	tataattgtg	cttaatttgg	agacaaatcc	aagaaagggt	acan	354

<210> 1711  
 <211> 337  
 <212> DNA  
 <213> Homo sapiens

<400> 1711						
gagcaggggt	taggcctggg	gatgcccttc	tagtgaataa	aatatggcca	cagtgatggg	60
atgtcacttc	tgaggctggg	gcacatgaaa	caccccactt	ccctcttgct	gatgctctct	120
catgctctca	cttactgtaa	gagaagccag	ctgccccatg	gagagacatt	catggcaaaag	180
aactggagct	ggcctctggc	caacagccca	agaggatgga	atcctgccaa	cagccctgtg	240
agtgagcttg	gaggtggatc	attcccatgc	cgacctttat	gtgactgcag	ctctgggtca	300
caccttgact	gcagccttgg	taggaaaccc	tgatcct			337

<210> 1712  
 <211> 350  
 <212> DNA  
 <213> Homo sapiens

<400> 1712						
agccagcacg	ggcagaagct	tgaaagcccc	caagtcaccc	ctgggccagc	agcagccacc	60
cagggcagga	gggcaggtgc	acagccaggg	tcagcgggtc	agcaactcac	cctggcctgc	120
agcctaccca	gcacggacca	tgtgcccagt	agcagagcta	gaggaacaag	cagaaaaatg	180
gccggccccc	aaccagaggt	cagaggggaag	ggcaggagcc	gctgctgacc	tcgggggaca	240
cggggtggctg	acctcggggg	acgcggggcac	acgctgtggg	gcttcgtgtc	aggcaccat	300
ggggcctggg	gtctgctctg	tgcaacagat	actgtcgggc	tgcccatggg		350

<210> 1713  
 <211> 325  
 <212> DNA  
 <213> Homo sapiens

<400> 1713						
gaccaccgcc	gccgaggagt	caggaagttc	aagatggccg	ccgcggagac	ccagtcgcta	60
cgggagcagc	cagagatgga	agatgcta	tctgaaaaga	gtataaatga	agaaaatgga	120
gaagtatcag	aagaccagtc	tcaaaaataag	cacagtcgtc	acaaaaaaaa	gaagcataaa	180
cacagaagta	aacataagaa	acataaacat	tcctcagaag	aagacaagga	taaaaaacat	240

aaacataagc ataaacataa gaaacacaaa agaaaagagg ttattgatgc ttctgataaa	300
gagggtatgt ctccagcaaa aagaa	325

<210> 1714  
 <211> 384  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(384)  
 <223> n = A,T,C or G

<400> 1714	
cggtgctgtc ggaaggccgt ggtgcagcgc gtcaccocggg ccagcgtcac agttggagga	60
gagcagatta gtgccattgg aaggggcata tgtgtgttgc tgggtatttc cctggaggat	120
acgcacaagg aactggaaca catgggtccga aagattctaa acctgcgtgt atttgaggat	180
gagagtggga agcactgggtc gaagagtgtg atggacaaac agtacgagat tctgtgtgtc	240
agccagttta ccctccagtg tgtcctgaag ggaaacaagc ctgatttcca cctagcaatg	300
cccacggagc aggcagaggg cttctacaac agcttcctgg agcagctgcg taaaacatac	360
aggccggagc ttatcanaga tggg	384

<210> 1715  
 <211> 123  
 <212> DNA  
 <213> Homo sapiens

<400> 1715	
gtggatcaaa gatttaaata taaaatgaca aaacttctag gagaaaacat acaagaaaat	60
cccgatggca ctggcagata tctcttagat gacagcaaaa gcacaattta ttaaagaaca	120
aat	123

<210> 1716  
 <211> 349  
 <212> DNA  
 <213> Homo sapiens

<400> 1716	
cagtatcgat ccattaacc aaatctagcg aacattattg agcaatgact atgtaccagg	60
ctctgtgtta ggtgctgccat catatctgat gagtactact attactacta ttcatactac	120
cattacgaag aataacatct aacattttat taaatcctca ctggtagtga cagaaaccag	180
gctaagtgtc ttacatacaa tgtaagtttt caccgaccaca aacctattaa catggcttat	240
gggtgaggcc tacctaatat gatatcgaaa cgaaacagat caacaaacaa agcatctaga	300
attgtccact gttgccttat tcaccatgag ggcatcttag agctagaag	349

<210> 1717  
 <211> 340  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(340)  
 <223> n = A,T,C or G

<400> 1717	
gatgcgtgtg agctgacgcc attttttttta ggactgggtc acactctggc acgcaaacta	60

tgaggcggtg	tcactatcat	ggttcactgc	atcctcatta	taccatgagc	atgcagccct	120
cccccttatc	tggcgccaca	ggcgcatact	accatgctca	gctaagtttc	taaaagctat	180
tgtgtaaaaa	caggatgtcc	ctatgttgcc	caggctggtc	tcagactcct	gggttcaagt	240
gatcagcctc	ccaaagagat	gggattattg	ttgtgagcca	ctatgcccag	gtaattgcat	300
ctgctttaga	gagaagagga	caaacagata	gatacactan			340

<210> 1718

<211> 325

<212> DNA

<213> Homo sapiens

<400> 1718

tcactcctgc	ccctctcctc	caggcaatca	aactttgggt	tctgtcacta	tagattcgtc	60
tgcatttttg	ggatatgtag	atatattctg	aaatactgta	tattctgaaa	atacactata	120
tgattctgaa	gtcatacagt	atattctttt	tttggctctg	catctttttac	tcagcataat	180
tatttttagat	tcatccaggt	tgtaccttat	tgatagtcca	ttcattttat	tgctgagtag	240
tagtccattg	tacagataca	ctacaatctg	ttcatccatt	catctgttgg	ttaacattta	300
ggttggtgta	tatatttttg	ctatg				325

<210> 1719

<211> 355

<212> DNA

<213> Homo sapiens

<400> 1719

caacccacat	atattattg	attaaaagta	tagataaaa	caatttgaca	tcaaaaagt	60
ccaacattgc	acaagtaact	ttgtttatcc	ctcaagcaaa	tcctgatgac	attgatccta	120
cacctactcc	tactcctact	cctactcctg	ataaaaagtc	taattctgga	gttaaatatt	180
ctacgctggg	attgtctgtg	attgggtctg	ttgtaattgt	taactttatt	ttaagtacca	240
ccatttgaac	cttaacgaag	aaaaaaatct	tcaagtacac	ctagaagaga	gttttaaaaa	300
accaaacaat	gtaagtaaag	gatatttttg	aatcttaaga	ttcattccat	gtggg	355

<210> 1720

<211> 331

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(331)

<223> n = A,T,C or G

<400> 1720

aatcccaact	acttggggagg	ctgaggcata	agaatcgctt	gatcccggga	agtggagggt	60
gcagtcaccc	caacncatac	catttccttc	taaatcttac	atacttcata	gaccttcctc	120
aaatctctca	ctacattctc	tttatttacc	ccaatactca	tatctcttga	ccgactgtaa	180
tctttatttc	ccctttttca	ctaattgcct	aacccactcc	ccttacctct	atctacacct	240
tgccccctca	aaacaaaaca	aaaccctatt	tatgtgtgga	aatttattct	aatacttggg	300
acctgggttt	aaacccaatt	tgttcttcct	g			331

<210> 1721

<211> 233

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(233)

<223> n = A,T,C or G

<400> 1721

tgaataacag	aacttacttc	atagggttgt	tataagaatt	gaatgaaaag	tgcacagcat	60
gacaaatagt	aaacactcag	taaatgttag	ctattactat	tactagtctg	acttaaactg	120
ttatcatcac	atttgatgtg	ataaagaaca	caagggtttc	taaatagact	cccatgggag	180
ctgggagggg	agggttagtag	atgagaatct	gottatttgt	tgggaatttc	tcn	233

<210> 1722

<211> 204

<212> DNA

<213> Homo sapiens

<400> 1722

tgaataacag	aacttacttc	atagggttgt	tataagaatt	gaatgaaaag	tgcacagcat	60
gacaaatagt	aaacactcag	taaatgttag	ctattactat	tactagtctg	acttaaactg	120
ttatcatcac	atttgatgtg	ataaagaaca	caagggtttc	taaatagact	cccatgggag	180
ctgggagggg	agggttgtag	atgg				204

<210> 1723

<211> 338

<212> DNA

<213> Homo sapiens

<400> 1723

gagatctcag	ctctctgcag	cctccacctc	ccagggtgcaa	gtgattctac	tgcctcagcc	60
tttgagtgca	ctaggattac	aggcgccgc	caccacacct	ggctaatttt	tgtattttta	120
gtagagaaga	gcagggatca	tgatgggcta	gatatgctgg	acttacgagc	ctgctgtcta	180
aggctttctt	aatgctacca	ttacaggggt	gagccactgt	atatggacgg	ttgattgcgg	240
agtaaaataa	cgtatgcttg	ataagaataa	gatatacaac	ggagataaca	cctacttgat	300
ccgttcttgc	ccacctctaa	ggagctatat	tgaaccac			338

<210> 1724

<211> 326

<212> DNA

<213> Homo sapiens

<400> 1724

cggggacgtg	tggggactta	cgactgttag	accgccccga	aaaaagggtc	ttacttgcca	60
attatgagat	gctattactt	aaaccgtccc	caccatcatc	tgcaataaat	gtctttacta	120
caactacagc	attcattcta	tcgttcaggc	tcacatctat	agatgcgcaa	tgctctgaag	180
gctgaggcag	gagaattgct	tgagcccagg	aggcagaggt	tgcaagtgtc	cgagatcatt	240
ccattgcgct	ccagtctggc	gacagaacaa	gactctgtct	cttaaaaaaga	aaaagaaagc	300
aaaagttggg	gggcttattt	tataag				326

<210> 1725

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1725

gttctgtcat	cagtacttat	taagggtgtc	tgatgtagta	agcaagatag	tttttacagt	60
cctaggctta	ttacaagttt	agtaacccca	gtggactgag	aaaatctttc	tcaatagctc	120
tggcaaaaaa	ttcctctggg	aaaatatgac	tgatgggagt	ttggatcatt	tgcccattct	180
tgaaccaatc	attgtatagt	tagccctctg	tatataaggg	ttccgcatct	gtgtattcca	240
ccaatcgcg	ttgaacaaaa	ttttggaaaa	cgctgggcgt	ggtggagcat	cccccttct	300



<210> 1726  
 <211> 303  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(303)  
 <223> n = A,T,C or G

<400> 1726  
 ttgcgcat ttt cctgttaact aataatgctg agcatctttg catgtggcta ttggctat ttt 60  
 gtatatattc tttgggttaa gtctgtttta ttcatttgct tctctcactt tataaaattg 120  
 ggctatttat cttctaatta ttgaatcata agatttcctt atatatgatg ctctataaaa 180  
 gtatcttgct acatatatat atcgnatatt ttctcctagt ttgtgacctg cttttttata 240  
 ttattaatag tatcctttgg ggagcaaaca ttttaaattt tgatagtcta atttatcatt 300  
 ttt 303

<210> 1727  
 <211> 338  
 <212> DNA  
 <213> Homo sapiens

<400> 1727  
 atatagaatt tcaatacatt tactcaaaat gtggagtaag atagagttca agatcttaga 60  
 ttctagaaac tatatagcag gaatatgacc ataggctact tcctaacagc tgtgtgattt 120  
 ggggtataata acttaatctc ttttaagcctc atttctcctt ctgaaaaact gaagaaataa 180  
 cacctactcg tctgagttct taaaaggatt aaatagcgtc gtgtgtcatt ttggattcca 240  
 ccagcagcac agtcagggac aagtatccta acacaagaaa tttgtcatgg tggtaattcc 300  
 aggaaagtct ggtggagaca ggggaagtga gactgaga 338

<210> 1728  
 <211> 353  
 <212> DNA  
 <213> Homo sapiens

<400> 1728  
 cacaaaaaac aaattgtgaa ttaaaacaaa ttatataagt aaatgcatat ttagcataag 60  
 aaaagaaatc ccctcaaaat accaaatttt atctaataca tactacaata cataaaaaata 120  
 atttttttta ttatttaact tcatagcata cttttctaat accacatttt ctttcttttt 180  
 tttttttttt tggaaacaaa gttttctaaa ttttttgcc aaggctgcaa aacagggggg 240  
 ggatttaagt taattgaaac ctttcctttc agggtaaaaag gaattttctg gcctaagcct 300  
 ccaaaaaagt taaaataaagg ggggggcaca acattgccgg gttatatttg tgt 353

<210> 1729  
 <211> 409  
 <212> DNA  
 <213> Homo sapiens

<400> 1729  
 cgttgctgtc gctgagggtt ccttaatggt ctttttgaat ctttgagata caggatctat 60  
 tacttgcatc tgagagaatt ttgatcatga gtcttggtga gatctttttc atattactct 120  
 ctgaatgtat tgggataagg tgtaaggcg ctgtcttcta ctttaatctg ataatatggg 180  
 gaattgtgtt aatagatggt ccaatgtttc ctatgcctta catccctagg ataaatccaa 240  
 ctgtgccatt ttgttaacct tacaactggt agttaaaccc ctgtctgaca attaatatca 300  
 cttatgtggt cttttttgct ttttaaaaca ctttatttat ttattgagac agggccttgc 360

tctgtcagct aggctggagc gaagtgggac ttctctcccc ttaactgga 409

<210> 1730

<211> 292

<212> DNA

<213> Homo sapiens

<400> 1730

atattattata	ttttaacttg	tgaaaggggt	taaagtgata	ttgtcaaatt	tcatattatt	60
ccatttttaa	atattattaa	taaactttga	tatgacttca	cattttttata	atacatttaa	120
caaacagggt	gaaaaagag	atagtatctt	gatagtgtt	tattattttt	ctttaatcat	180
atagactata	ttttcaaact	ttgtatttta	atatttacta	tttaataaat	gctatagttt	240
tcaaacatct	tcttccattc	tatttttttt	aaactaacat	ttcttatttg	cc	292

<210> 1731

<211> 339

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(339)

<223> n = A,T,C or G

<400> 1731

gatggagaaa	tagagctcac	ctcttctggg	tagagtagtg	gcaaagtcac	attgtanaaa	60
agcctgggag	gtggaaaatt	tttttcatga	ttgtctttgt	aaagtacaat	ctactaccta	120
cactttaacc	caccaattca	tcttttagaa	atttatcctg	taagtggact	tacaaatgtg	180
aacaaaaata	aatgaacaag	ggtatttggt	actaaaatag	taatagcaaa	agactggatt	240
aatctaaatg	tccaataata	gggttattta	acccaattta	tttgtgcccc	tgcaatgcat	300
agctatgtgc	ctggcttttt	tttttttttt	ttggaaagg			339

<210> 1732

<211> 341

<212> DNA

<213> Homo sapiens

<400> 1732

agaggaagaa	gagaaagtgg	ccacagggac	agggcagcaa	gggtcaagcc	tgcaagggga	60
gagatggatg	ggtgagggct	gtgagaaact	cggggatacc	catgcccagt	gggaccaagg	120
gatggggctg	gagtgcagcc	acatgttcca	cctcccccaa	gtgccaggct	gcattggact	180
ttgtcctgga	gccgtgcaga	gccatgggag	gtttttgagc	aggggctcgg	aggcctcagc	240
tcatggtttc	catctgggtc	caggctgatg	gggaggcacc	atcacagccc	aggtcaggaa	300
ggtgagacac	tcataccaaa	cacttagaaa	acagggccag	a		341

<210> 1733

<211> 311

<212> DNA

<213> Homo sapiens

<400> 1733

atctcagaag	aaaatgcaac	ccacatattt	attgccatta	aaagtataga	taaaagcaat	60
ttgacatcaa	aagtatccaa	cattgcacaa	gtaactttgt	ttatccctca	agcaaatcct	120
gatgacattg	atcctacacc	tactcctact	cctactccta	ctcctgataa	aagtcataat	180
tctggagtta	atattttctac	gctgggtattg	tctgtgattg	ggctctgttg	aattgctaac	240
tttattttta	gtaccaccat	ttgaacctta	acgaagaaaa	aaatcttcaa	gtagacctag	300
aagagagttt	t					311

<210> 1734  
 <211> 343  
 <212> DNA  
 <213> Homo sapiens

<400> 1734  
 acaaagaaaa tgaaaagcaa aattgccctg taaacaatta cattaaatgc aaatgtctta 60  
 aaatacagct attggcataa caaattatta aacataacca agtatatgct gtctacagta 120  
 aactcacttc aatataaagc agtttgaaag taaagggatg gaaaaagata cattatgcag 180  
 atattaattg aaaggaggaa tggctatggt aacattagat aaagtatatt tcaaagcaaa 240  
 gaaaatattt tataatgata aaagaatcag gccgagtgca gtggtcatg cctgtaatcc 300  
 cagcacttat ggaggccgag gcaggtggat aacctgagat cag 343

<210> 1735  
 <211> 346  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(346)  
 <223> n = A,T,C or G

<400> 1735  
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 gagatggatg ggtgagggct gttagaaact aggggatacc catgccagct gggaccaagg 120  
 gatggggctg gagtgcaccc acatgttcca actccccaa gtgccaggct gcattggact 180  
 ttgtcctgga gccgtgcaga gccatgggag gattttgagc aggggctcgg aggcctcagc 240  
 tcatggtttc catctggttc caggctgatg gggaggcacc atcacagccc aggtcaggaa 300  
 ggtgagacac tcataccaaa cacttagaan acagggccag aggccg 346

<210> 1736  
 <211> 390  
 <212> DNA  
 <213> Homo sapiens

<400> 1736  
 tctatccagt tatccatcca tccatctctc cctccctcct tccctccctc catctctccc 60  
 ttcattccatc catagctcta tccatccacc catccatcta tccctttatc caatcatcca 120  
 gccatccatc cctctatcca atcatctatc catccatcct tctatccaat catccatcca 180  
 tctatccctt attcaccctc cctccatgca atcaaccatc tatccattcc catttatcta 240  
 acaaatcatc catccaccca cacaccacc atccacccat tcatccacca atccatccac 300  
 ccattgcacca tcacttaaca gagcgccaag cactgtgcca catggggata cagatcttgc 360  
 taaactgtta agcttcatga aggcaacggc 390

<210> 1737  
 <211> 420  
 <212> DNA  
 <213> Homo sapiens

<400> 1737  
 cgttgctgtc gggggaatat gtccctgtttc tgtttcaaga gctaccagga gccatgaggc 60  
 agctgcccta cttcatccgg ccagctgtcc ccaagagaga tgtggagcgt tattcacaca 120  
 aatatcagat gtcagggtccg attgacaatg ccatcgattg gaaccctgat tggggcgctc 180  
 taccocggta gctaaagatc cgagtgcgga agctacagaa ggaacggatt acaattctgc 240  
 tccccaaag gccccctaag accacagaag ataaggagga aacaatacag aaactagaga 300

ccctggagaa	gaaggaagaa	gaagtaactt	cagaggagga	tgaggagaaa	gaagaagaac	360
aacacaacga	agaggaggaa	gaagaagagt	ttgatgaaga	agaacctgaa	gaggaaactg	420

<210> 1738  
 <211> 397  
 <212> DNA  
 <213> Homo sapiens

<400> 1738						
ggcacgagga	ggacgaggac	gtcaaggata	actgggatga	cgatgatgat	gaaaaaaaaa	60
gaggaagcag	aagtaaaacc	agaggtaaaa	atttcagaac	agaaaaaaat	agccgagaag	120
ataaaagaga	aagaacggca	acagaagaaa	aggcaagaag	aaattaaaaa	gaggttagaa	180
gaacccgaag	aacctaaagt	gctaaccacca	gaagaacaat	tagcagataa	actgctgcta	240
aagaaattac	aggaagagtc	agacctcgaa	ttagcaaagg	aaacttttgg	tgtaataaat	300
gcagtttatg	gaatagatgc	tatgaaccca	tcttcaagag	atgactttac	agagtttgga	360
aagttactaa	aagataaaat	tacacaatat	gaaaagg			397

<210> 1739  
 <211> 429  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(429)  
 <223> n = A,T,C or G

<400> 1739						
ggcacgagcc	atcttcaaga	gatgacttta	cagagtttgg	aaagctacta	aaagataaaa	60
ttacacaata	tgaaaagtca	ctatatattg	ccagtttttt	ggaaagtctta	gttcgagatg	120
tgtgtatttc	attggaaatt	gatgacttga	aaaaaattac	caattcactg	actgtgcttt	180
gcagtgaaaa	acagaagcaa	gaaaagcaaa	gcaaagccaa	aaagaagaag	aaaggtgtgg	240
ttcctggagg	gggattaaaa	gccaccatga	aagatgatct	ggcagattat	gggggggatg	300
atggaggata	tgtacaagac	tatgaagact	tcatgtgaca	ttttatcttt	tcttggngtc	360
atcttttatg	tgcccacaat	cccttgaaca	tgtagcacia	cttccttttc	tttcagttct	420
gccaaatgn						429

<210> 1740  
 <211> 372  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(372)  
 <223> n = A,T,C or G

<400> 1740						
tatacgacag	aaggggtaat	cccaaaaact	tgggaggctg	agataggagt	atcacttgag	60
cacagttcca	gaccactctg	gacaacagag	caagaccccc	agaaaatgaa	aattaaaaaa	120
tggcaaagtc	agaatacatg	ttgaatttaa	aagactacgt	tttggagggtg	tagctgatcc	180
caagctgtta	tgagcaaccc	cctaaggact	gcagatggcc	tggatccagg	ttctgagtta	240
gagcagcaga	cagtctagag	ctatagccac	acagagggct	ggggattgctg	cagcagggtc	300
tagacacgac	cctgccacag	taggtcgtct	ccctctgttg	gcacaaacag	acatgacatt	360
gttggcagag	tn					372

<210> 1741

<211> 341  
 <212> DNA  
 <213> Homo sapiens

<400> 1741  
 aattagaata attgggaaat gattggaaaa tagaaatctt aagctagaaa acatgtaact 60  
 aataaaagta gtttcattaa aacaaaataa ataaaagaat aactaggaat atcctaataca 120  
 agtaagtaat ggagagtata caaaataatt agtaaaagga gggatatatc caagatagta 180  
 aaaactttta atattttgaa aaattttatg ctacatattt gatattttta agaaaacata 240  
 atttaccaaa actgacccca gaataaatat aaagtttcat tctgttaaca caataaagaa 300  
 aatgtacaaa aggctatctt tcagaaatgt accaagtcca g 341

<210> 1742  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(394)  
 <223> n = A,T,C or G

<400> 1742  
 cctgaatgga gtgaacaaga gggccatgca gatatcttgg aggaaagaca ttcccgggca 60  
 aggaaacagc aagtgc aaag gccacaaggt gggattgagt gtggtgtgtt tgaaagctga 120  
 actgtcacca gtgcaggagc agagtgggca aggcagagca ggggagtgat ccaggcaaag 180  
 gtacatttca ggaaaaattg acagtaagga gttcggattt tatgctacat gtgttggaaa 240  
 aaccaatgaa gggttttcag ctaggtaaca tgatccgatt tactcccttt aaagattggc 300  
 cgggcacagt ggcacatacc tgtaatccca gcactttggg aggccaaaggc aagaggattg 360  
 tttgagctca ggagttcaag atcagcctga ccan 394

<210> 1743  
 <211> 385  
 <212> DNA  
 <213> Homo sapiens

<400> 1743  
 cctgaatgga gtgaacaaga gggccatgca catatcttgg aggaaagaca ttcccgggca 60  
 aggaaacagc aagtgc aaag gccacaaggt gggattgagt gtggtgtgtt tgaaagctga 120  
 actgtcacca gtgcaggagc agagtgggca aggcagagca ggggagtgat ccaggcaaag 180  
 gtacatttca ggaaaaattg acagtaagga gttcggattt tatgctacat gtgttggaaa 240  
 aaccaatgaa gggttttcag ctaggtaaca tgatccgatt tactcccttt atagattggc 300  
 cgggcacagt ggcacatacc tgtaatccca gcactttggg aggccaaaggc aagaggattg 360  
 tttgagctca cgagttcaag atcaa 385

<210> 1744  
 <211> 420  
 <212> DNA  
 <213> Homo sapiens

<400> 1744  
 ggcacgagat tgcataatgt cctgatggga aatacctagc cagtggagcc atagatggaa 60  
 tcatcaatat ttttgatatt gcaactggaa aacttctgca taccctggaa ggccatgcca 120  
 tgcccattcg ctccctgacc ttttccccgg actcccagct ccttgctact gcttcagatg 180  
 atggctacat caagatctat gatgtacaac atgccaatat ggctggcacg ctgagcggcc 240  
 atgcctcctg ggtgctgaac gttgcattct gtccctgatga cactcacttt gtttccagtt 300  
 cgtctgacaa aagtgtaaaa gtttgggatg ttggaacgag gacttgtgtt cacaccttct 360

ttgatcacca ggatcagggtc tggggaggaa aatacaatgg aaatggttca aaaatttggg 420

<210> 1745

<211> 389

<212> DNA

<213> Homo sapiens

<400> 1745

acgctgatgc	cgcacatctgta	tacacccgtg	gaactagcat	caagattaag	ataatgaaca	60
tggtcatcac	cctcaaaagt	tccccgatgc	ccctttgaaa	tcaccctttc	catcctttcc	120
ccaccctcct	gcccggaac	cactgatctg	ctttccgtca	ctatagatga	attagcttag	180
atcttctaga	gtgatgctta	tgtggaattg	tacagcatat	attctcatat	tatctcgctt	240
ctttcactca	gcataatcct	gtcaacatta	ttccatttgt	gccatgtagc	atcacttgat	300
cgtattgttg	agtaggattc	cattttatgg	ctagatcaca	atttgtttct	ccatttgtct	360
attgatgggc	atctgggtca	tttttcact				389

<210> 1746

<211> 176

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(176)

<223> n = A,T,C or G

<400> 1746

tgggtgaata	acagaactta	cttcataggg	ttggtataag	aattgaatga	aaagtgcaca	60
gcatgacaaa	tagtanacac	tcagtaaag	gtagctatta	ctattactag	tctgacttaa	120
actggtatca	tcacatttga	tgtgataaag	aaacacaggg	ttttcaaat	agaatg	176

<210> 1747

<211> 359

<212> DNA

<213> Homo sapiens

<400> 1747

gagtctcact	ctgttgccca	ggctggagtg	caatgggtgtg	atctctgctc	actgcaacct	60
ccgcagcctg	ggttcacgcc	attctcctgc	ctcagcctac	caagtagttg	ggagaatagg	120
cgaattccac	cactctcgca	tttgtgatag	gactttttta	aggactcgga	gtccaaatac	180
taaaaacagg	atggccgga	tctccagacc	tgatgatctt	gctgccttta	tatttaaagt	240
gccaggacta	tacgccgaat	aatgggtggc	ccccttgaag	acgcaacctt	gtcctttgct	300
tatgaattgg	gtgttgtacc	gattctcctg	atatccctat	aggcaattgt	cggaatatag	359

<210> 1748

<211> 328

<212> DNA

<213> Homo sapiens

<400> 1748

caggggtgaat	ctgccttagg	ttccctgcct	tcagacagta	ttctcctgcg	gcaacacttt	60
gctgacaact	attcttgaaa	atacggggat	tggtattttc	atgggtggtt	tcatggggct	120
gagaacttag	aagataatga	ctgcttcctt	catctgggga	tgggatttaa	atgtaattgga	180
gcactcactg	ttttcttgag	aagggtggag	atactagctt	ccttataaag	ataaaggggt	240
gcgagaggca	ggatttttag	aactcaaata	tatgtgggaa	cggcgagca	tgaattcttt	300
tttctttccc	aatcccaatc	ttttattg				328

<210> 1749  
 <211> 347  
 <212> DNA  
 <213> Homo sapiens

<400> 1749							
tatatgaacc	gactaaaaga	ggaaaataac	accatgggca	ttcctccctt	ttgcctggaa		60
ccatgttgac	taaaatgtgt	gcctattata	agccaattgt	gtcctcactt	ggcgtggttt		120
caaggtaaca	aagatttgat	cttatttaac	ctcttctcac	atgtggtaga	cagaattcct		180
aggtgaccca	catggctttt	gttccctggg	gttactcgca	tggatcatgtt	atgttgacag		240
acaaatgata	ttatgcagat	gtaattaaaa	tgacttacta	atcaggtgac	cttaagagag		300
attatctaga	tggatctaac	gttatctcac	gagtacttta	aaaacag			347

<210> 1750  
 <211> 297  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(297)  
 <223> n = A,T,C or G

<400> 1750							
tgcatacatg	ttttaaaaca	tcatactgta	tcccataagt	ttgtacaatt	actatatgtc		60
aattaaagat	aaaatacaac	tttaaaaaat	tgtccaaaat	gaaacataca	gaaaataactt		120
taagaaaaag	caaaagagca	tcaatgagtc	agtgagttat	ggaacaactt	caagacacct		180
aatatacacg	taatttaagt	ccctgaagaa	aaggggtgta	taaaaatatt	tgaaaaaata		240
atggatgaaa	ttttaaatat	ttggtaaaaa	ccataaaaact	gtagatctaa	gaagctn		297

<210> 1751  
 <211> 328  
 <212> DNA  
 <213> Homo sapiens

<400> 1751							
aaatctttac	ctagctttgt	tttctaagcc	ttcatcagaa	tctaggcttt	ttctagtctg		60
ctcctccaaa	ttattctacc	tgtgccccca	ttataccag	tttcaaagct	gcttccacat		120
gttcaggtat	ttctcgttgt	cagtaacacc	ctacttcttg	gtaccaattt	tccagaattc		180
catgaactct	accaccagtt	aaccaaatgg	taactggaac	atattccagc	taagaaattc		240
agcagtttat	taaaaattaa	tggatctagg	ccaggcatgg	tggctcacac	ctgtaatccc		300
aacacattgg	gaggctgaga	tgagggga					328

<210> 1752  
 <211> 350  
 <212> DNA  
 <213> Homo sapiens

<400> 1752							
gaatgcaaaa	agagaaaggc	cgaccatgcg	gtggaaggtg	cggaggaagg	ggaggggagt		60
actcatcatt	gtggagggcc	ccaaagcatc	ggaatgggac	ggcatgcaca	taatgaatcc		120
ttctccctgg	cgaatctaata	gctgttacgt	ctccatgtca	ggaaagccat	ttaagaaaca		180
aggatatgcc	ggtcgcggag	gatcaactctt	tttattcctg	cactttggta	ggcctttggt		240
ctcacattga	cttatgtcat	gtattactta	cctttctggc	cacctcgtt	tcaagaccct		300
attaattttta	cttctccatc	ccttttcttt	ggagctctcc	ccccgctgcg			350

<210> 1753

<211> 338  
 <212> DNA  
 <213> Homo sapiens

<400> 1753  
 tcatcacttt ttaatataat gttaattaat ttgcataatt atcatgacaa gtacaagtga 60  
 ctttcacagg taaagaagca gacacaactg attttgactc tggtaagcaa caccactcaa 120  
 ggagagggtt ggaagcagaa gtgcctgagt ctccatgga gtagcctgtc agtgactggg 180  
 cagcccttgg gcagtccatg tggttatggg gaaggaagag cattaatgaa tccaatagtt 240  
 tggttaattc taactgaaca gtattctttt aaaatttaca tgtcccttat ttttaagaata 300  
 atatgtttat tatatatatc ttgaaataat atgtttca 338

<210> 1754  
 <211> 397  
 <212> DNA  
 <213> Homo sapiens

<400> 1754  
 ggcaaggaggc tgggggtgct ttatcctttc tgccaagtgc cgtgacactt ctgaaaaatc 60  
 tccaggagca agtgatggct gtaactgcac aagtgaatc actgacacaa aaagttcaag 120  
 ctggggccta tccacagaa aaggggctca gcttcttgga agagaaagac cagctgctgc 180  
 tcatgtacct tatggatttg acccacctca ttctggacaa agcctcagga ggatctcttc 240  
 agggacatga tgcagttttg agactgggag agattcgaac ggttttggaa aagcttcgtc 300  
 ccttggaacca aaagctgaag tatcaaattg acaagctgat caagactgca gtgacaggca 360  
 gccttagtga gaatgacca cttctgttta aagcccg 397

<210> 1755  
 <211> 316  
 <212> DNA  
 <213> Homo sapiens

<400> 1755  
 ttgtggctat agagttactt tgtatgattt tgatcattta aatttatcga tacttatttt 60  
 atgacacagt gtttgggtcta tccctggaaaa cattccatat ttgcttgaga aaaaaatcta 120  
 tatattcctg tgttgttgga tggagtgggt attcaaaaata caactctgtg ctaactttct 180  
 gtttagtttt tctaccaatt attgagataa tgcattgaag tctccaaata ttattgttga 240  
 tttgtgtttc tcttttcaat ttagcttctg tttgtatttg gggaatctat tactatgtga 300  
 tatgatctat atatgt 316

<210> 1756  
 <211> 156  
 <212> DNA  
 <213> Homo sapiens

<400> 1756  
 tggtagcgct tggaaaggac aagagaaggg atctgttgcg ggaagacgac cgagagctac 60  
 tggtagctaca agacgaacaa ccgtctctgc tgagagtaca cgaattatag gtgcttgtgg 120  
 gcacgcacca gtgatcgcta ctgggtcgga agggag 156

<210> 1757  
 <211> 325  
 <212> DNA  
 <213> Homo sapiens

<400> 1757  
 gcctcagccc ccaagtagct gggatgacag gtgcatgcc aacgctggc taatttttat 60  
 attttttgtg gagacagggt tttgccatgt tgcccaggct ggtggtgaac tcttgatttc 120



aacctttctg	cctgccttgg	gctcccaaag	tgctgggatt	acagatgtga	gccattgcgc	180
ctggccaagg	cttgatatta	ttaagtcaat	gcttctcata	ttggccta	ttatagatca	240
atgcaattat	aatcagaaac	ctagcaggtc	tgtagggggg	cgtaaattga	catggtggga	300
ctaaaaggta	tgtgaaaatg	caaag				325

<210> 1758

<211> 379

<212> DNA

<213> Homo sapiens

<400> 1758

cggttgctgtc	gctttgattg	tcattctcct	gggaagccca	gtctcagtc	ctcccccaac	60
actgtccaca	ctgcccctcc	ccactgttta	tttattgcac	ggatctaagt	tattctcccc	120
agccagagcc	cgagctcctg	ctccctggga	aaagtggcgt	atggccctga	gctgggcttt	180
atattttata	tctgcaaata	aatcacattt	tatcttatat	ttagggaaag	ccggagagca	240
acaacaaaaa	atgtttaagc	cgggcgcggt	ggctcacatc	tgtaatcca	gcactttggg	300
agtccaagga	gggggatcgc	ttgagtcag	gagtttgaga	ccagcctgga	caacatggtg	360
aaaccccatc	tctacaaaa					379

<210> 1759

<211> 112

<212> DNA

<213> Homo sapiens

<400> 1759

tacgggttcga	gaagaacaat	aaacgggttcg	gcttgcttaa	tacgactgaa	cggttcggct	60
tcgacatgaa	cccccaaagg	gctgggtgtc	tgaataagct	tgaacggtac	gg	112

<210> 1760

<211> 380

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(380)

<223> n = A,T,C or G

<400> 1760

cggttgctgtc	gctgtcacag	acacataact	ggaaatgtga	ttttattctc	ctggatggac	60
aattgtgatg	gatttttttg	gttcggggct	tcaggctttg	caatctcatc	ttctttgccc	120
ttcctcttgt	cataatggaa	gaggtgctgc	taatttggtg	tccatccttt	cctgctttca	180
gagactgtcc	tgtgatttcc	taaaacattt	ccattagttt	gtttgaattt	tctgattttc	240
ttcccttagg	gccctccaca	ggcctctgtg	ctagtgcctt	gaatgatggc	aagtgtacaa	300
aaaaaatttt	ttttcttttt	aagacgtttt	tgttctgtca	cccaagggtga	gtgcaatggc	360
gngatctnng	gtcactgcan					380

<210> 1761

<211> 160

<212> DNA

<213> Homo sapiens

<400> 1761

gaacctcctg	ctccagcctc	tgcctcctcc	atthttgatgt	ctagaatcag	gggatccagg	60
atcatcacca	aggtcattht	cccagacaga	tgtagctgagg	ctgtagaaag	tgctthttat	120
ttgggttgga	gcctgtgcat	aaatgcgaga	ggggctgcac			160

<210> 1762  
 <211> 343  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(343)  
 <223> n = A,T,C or G

<400> 1762  
 ttattgggta tatgcaatgt gtgtgtccat gtgtacctct cccacagtcc ctcaaagtgt 60  
 gagggtagaa cttccaataa actttctctc cactgtgctt acatagccca ctgcacatgt 120  
 cttctacatt gtattatagt tatttggtca cagatTTTT ttttaccact aaactatgat 180  
 cttgtcaagg gtggagacgt ctttatcttt ataatccaag tgccataggac atttcctgac 240  
 acatggtagg agttaaatac cttggttgaa ttaatatata aataaaacag ggagcattgt 300  
 ttaagaatat gaattattgg ctgggtgctg nggctcatgc ctg 343

<210> 1763  
 <211> 246  
 <212> DNA  
 <213> Homo sapiens

<400> 1763  
 ttcctgtgac attggacaac tgaaaggctc ttatgcagga agacatatgc ttagcacatg 60  
 tgccagaagc actactacca ggtctttatg ctagaatcat gaaaatgtat attctcgcag 120  
 aaagtctacg caagtgcctta ttgcaactat acttataatt gtcacagatg gaagcaacca 180  
 aatgtccgac aattcgtaaa tagataaacc agctgcactg tcattggtgg ctcacgctag 240  
 cacttt 246

<210> 1764  
 <211> 369  
 <212> DNA  
 <213> Homo sapiens

<400> 1764  
 catacctaatt agctcaacag tgtatagcca attactaaca atgtcatttt tgtaagctaa 60  
 tgaggattcc tgacaaacca ctttataact tcatcatcac tccctctccc aattcatcat 120  
 ttttttcttt agcagctcca gtctctcctt tgttctccag agcacttccc aaggtaactt 180  
 agaagtattt tctgggctgc agtccttaac tttaggccaa ataaaccctc tacctatagt 240  
 aattttggct caatttcttt cttaggcca acactcctaa aaatcacaaa tgaagctgaa 300  
 tgggcattca ctttctgctt tcatcttctt ggggataaga actataaaat ccttggccgg 360  
 gcgcgggtgg 369

<210> 1765  
 <211> 347  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(347)  
 <223> n = A,T,C or G

<400> 1765  
 catatttttc taagttgctt aaaatttaat tacttaaaat tacttaaaat tctaaattac 60  
 ttaaaaattt aattcatgtc aatgtgatca aacagatcaa tttctttcat tgccttggtt 120

caattatggt	aacattat	ttccaggaag	ataatgttcc	taggaacata	tagattttaa	180
aaaccagcaa	ataggaaaa	atgtagggtg	tagacttctt	ttccaggtag	tctttgaaaa	240
atgaacagaa	ttcagtattg	aaaatatcta	tggttctaac	tttgtcactg	tgtaacctta	300
aataaattac	ttagcatctc	tgagtcttta	ctttctaaac	tattaa		347

<210> 1766  
 <211> 317  
 <212> DNA  
 <213> Homo sapiens

<400> 1766						
ccagcctggg	tgacacagtg	agactccatc	tcaaaaaaat	aaaaaacaaa	aaaaccagag	60
aataccaaga	aagtgcata	ctatatatac	atacatatgt	gtatatat	gcataaataa	120
atccagaaga	tgctaagaa	acttatttag	gaatgtggga	gggcatggtg	catttagatg	180
aatagggagg	aacagttaga	gagagtccac	actttgtatg	ttttcatatg	gttaggtttg	240
aaaccatgtg	aatgtattac	ttactcagaa	attaaattag	gccaggcgcg	gtggctcacg	300
cctgtaatcc	cagcact					317

<210> 1767  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<400> 1767						
cgttgctgtc	gataaggggc	aggtcttggc	cctagaggat	tgagatgttt	ttctaaatct	60
tagaactatt	tttgataaaa	ttatatat	tccttcttag	tagaagtgtt	actgcctgta	120
actagctcaa	aataccaatg	cagtttctgc	attctgggtt	ttggttttcc	tttttttttt	180
tttttttgga	gtttggcttt	ggccccccag	gtgggggggc	aggggggggaa	tttaatttaa	240
tgggaaaatt	tggcctccgg	ggtaaaaaga	attccccgcc	ctaaccccccc	ggagaaccgg	300
gaataacggg	gccccccccc	ccccctaagt	aaatttttgt	tttttaaaaa	aaaaggggggt	360
ttaacattgt	ggcccggggg	gttttt				386

<210> 1768  
 <211> 347  
 <212> DNA  
 <213> Homo sapiens

<400> 1768						
aatagtttgg	ttaattctaa	ctgaacagta	ttctttttaa	atttacatgt	cccttatttt	60
agaataata	tgtttattat	atatatcttg	aaataatatg	tttcaataaa	ttgaaaataa	120
aacacataca	tacacacata	cacacacaca	cacacacaca	cacaatgcac	cacctggaaa	180
atcactataa	atattcaatc	attctatttc	cataatgctc	tcttatgcaa	ggaccactta	240
caacacaata	attttttaa	acagtccatg	gttttagcta	atactgcata	tatcacataa	300
aaataggaca	atatgccctt	ataatgagtt	attcttggtg	taactca		347

<210> 1769  
 <211> 354  
 <212> DNA  
 <213> Homo sapiens

<400> 1769						
agtacattat	gaccactggg	tttatttctag	aaatgcaagg	ctgatgtttg	aaattctcca	60
tattaagtaa	gtaaaagggg	ggaggcacag	atatcaattc	tccccaatt	gatacttaga	120
gtcaaagtaa	tccaaccac	attccaaca	gttggtgaag	aaatataggt	ggattctcta	180
ttatttttct	gtattgagct	ctaaatagat	acagaaaaaa	aattgataaa	attcaatact	240
tatttgttat	ttaaaaataa	tcatgacaca	ccccgaacag	aaaggaacct	ttttaatttg	300
aaaaagctta	tttacaataa	cctatctaac	cattgaaaaat	ttcttcttct	ttct	354

<210> 1770

<211> 381

<212> DNA

<213> Homo sapiens

<400> 1770

tctacagctg	agagaagaca	ctgaagggat	gggaaacgct	gcgacctctt	acagaggagg	60
aaagttcatg	gacttctagc	ttctagaact	gtgatacaat	aaactcctgc	tgcttatcta	120
ctcctctgca	gtatcttctg	atggcagccc	tagcaaaacta	ctatagtgc	tgtggggggt	180
aggatgacac	caagcatcaa	atgccactcc	ctgttccaac	agtgcagacca	ttccacagcc	240
cctgaatgac	aagacaggcc	ttcaaactca	agactacctg	gctaaggtag	aagtacttta	300
gtcacaccac	ttctgaactt	tcttgccctac	ctgcagggca	agaattttta	ccatttttta	360
atgtggacac	tgaagctcac	a				381

<210> 1771

<211> 403

<212> DNA

<213> Homo sapiens

<400> 1771

ggcacgaggt	ccctgaaaga	aagttctgta	tggattcctt	tcattgcggtg	aaggaacaac	60
aacaatattc	aacttcacct	tggcgtgtga	gggtcgtcgc	gttttataac	actatccctg	120
tagaaagatt	agtgaatgt	attggaagaa	gtaatggaaa	cgtgaatcct	cctgggctcg	180
cgagtggatc	ttatttggag	tcctcacctt	cttaaatctg	atgtttgttt	gaaatcacgg	240
ctgaatttcc	atatatagga	cagaaagaaa	gaaccccaat	tttttaaaga	aagctcccc	300
cccccccgcc	cgcttttttc	ctgaaccac	ttggtctccc	gttataaggc	ggccacaata	360
aaaggcaaca	attttctttt	agtcttttga	cgccattata	ttt		403

<210> 1772

<211> 331

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(331)

<223> n = A,T,C or G

<400> 1772

cctgtctctg	ctaaaaatac	aaaaattagc	tgggcatggt	ggcatgcac	tgtagtccca	60
gctactcagg	aggctgaggc	aggacaatca	cttgaaccca	ggagggtggag	gttggagtga	120
gccgagattg	cacaccacta	tactccagcc	tggcgacaga	gcgagactcc	gtctcaaaaa	180
aaaaatcact	ctgtcaacag	caacaatata	ctttcttctc	aatgttcatt	acaagctttg	240
tgctgggcca	caaaacaagt	ctcagtaa	gagatagaat	taaaatcacg	canagtgtat	300
tctctgtccg	cagtggaaat	taggactcgg	n			331

<210> 1773

<211> 373

<212> DNA

<213> Homo sapiens

<400> 1773

agtctgggtg	acagtgcagc	ctcttcacaa	aaaaaaaaaa	gggggggggg	ccggacccat	60
gggctcacc	ctggaaaccc	aaccttttgg	gaggcccg	gctggcgatt	caaagggacg	120
gaaaacaaaa	cccttctggt	taaccgggga	aaacctgtg	ttttcttaa	atgccaaaaa	180
aaaaatttac	ccgggcgggg	gggaaagccc	ctgttacccc	aatttctttg	aagggtgggg	240

ccagaaaatg	ggggaaaccc	cggaggggga	atttggttga	aactaaaaat	gccccactgg	300
actccaccct	ggggaaaaaa	aacaagaaaa	atttctaaaa	aaaaaatatc	cctttgaacc	360
ccctcttttt	tga					373

<210> 1774  
 <211> 351  
 <212> DNA  
 <213> Homo sapiens

<400> 1774						
tctcccaaag	tgctgggatt	ataggtgtga	gtcactgttc	ccagccgaga	caactgtctca	60
taaaaagaaa	agaaaagaaa	aaaaaaaaaa	gggtgggggg	caggggttca	caccgggtatc	120
cccacctttt	tggggggcaa	aggcgggtcaa	acccccgggg	gcggggagt	aaaaactcct	180
ctgcccacag	ggcaaaaacg	ttgtccttta	taaggaccta	aaaaataacc	cgggttggtta	240
cgaacctott	tgaagcggca	ctaactgtga	tcctctgagg	attcgtagta	ttcgccctaca	300
cttcctcaca	cgatgtaatg	gattcacttc	cttctctaac	atagtagacc	g	351

<210> 1775  
 <211> 335  
 <212> DNA  
 <213> Homo sapiens

<400> 1775						
cctataactg	cttttgtggt	ggctcattgg	ttttaatacg	atgagtttct	attctaattt	60
gtctcaataa	atttttaaaa	taataaaatt	gacccattgg	ttattttttg	agtgcattgt	120
ttaattttcca	tgtatgtgta	aagtatatga	caactgttgt	gatttccaga	tccatacctt	180
tgatacttga	tataatctcc	atcttcttaa	atttttttaa	gacttgatct	gtggcctaatt	240
gtatgatcta	ttctggagaa	tgttccatgt	gtagttgaaa	agaatgtgta	ccctacaatt	300
gttgaatgaa	atggctctgta	aatgtcttta	aggtc			335

<210> 1776  
 <211> 429  
 <212> DNA  
 <213> Homo sapiens

<400> 1776						
gtcttttttgc	aggatccgcc	gccatgaagg	ccgtgggtgca	gcgcgtcacc	cgggccagcg	60
tcacagttgg	aggagagcag	attagtgccca	ttggaagggg	catatgtgtg	ttgctgggta	120
tttccctgga	ggatacgcag	aaggaactgg	aacacatggt	ccgaaagatt	ctaaacctgc	180
gtgtatttga	ggatgagagt	gggaagcact	ggtcgaagag	tgtgatggac	aaacagtacg	240
agattctgtg	tgtcagccag	tttaccctcc	agtgtgtcct	gaagggaaac	aagcctgatt	300
tccacctagc	aatgcccacg	gagcaggcag	agggttctta	caacagcttc	ctggagcagc	360
tgcgtaaaac	atacaggccg	gagcttatca	aagatggcaa	gtttggggcc	tacatgcagg	420
tgcacattc						429

<210> 1777  
 <211> 365  
 <212> DNA  
 <213> Homo sapiens

<400> 1777						
cgggagtgtg	ggggagggca	gtgaatatga	taggatacca	ctcctgtgat	caggttacta	60
atcagttgat	tttttttagt	aatcaaaagg	gaggttatcc	taactggaat	tgatcaaacc	120
aggtaatctc	tttaaaagaa	gatgaatgtc	agagtgatgg	tctcctcctg	gccttgaaga	180
caacgcaaac	tgagagaaa	gggccactca	gcaaggatct	gagggcaacc	tataggaaca	240
gacagcctac	tgcacaagaa	gcaagggtat	cagtcatagc	acaacaagga	aattttctgc	300
aaaaaccagt	gagcctggaa	gagaatcctg	aacttcagac	gagactgcaa	ccttggaattg	360

at t t t t

365

<210> 1778

<211> 373

<212> DNA

<213> Homo sapiens

<400> 1778

cg t t g c t g t c	g g a a c t g g g c	a a c a t a g t g a	c a c c c a g t g t	c t a t t a c a a a	c a a a a c a a a a	60
a c a g a t g a a g	g c c t g c a t t t	g c c t g t a g g c	t a t a g t t t g t	t g a t c c c t a a	c t a g t a a a t g	120
g t a t t c a c a t	a t a a c c a c a t	g g a c t t t g c a	c t g c a c a g a a	a a a g t c a g t t	t g g g g a g a a t	180
t t c a g a c t t a	c a t g t g a a g g	a c a g a t g t c a	a t t t t t a t t t	t t a t t t t a t t	t t t g a g a c a g	240
a g t c t c g t c t	t g t t g c c c a g	g c t g g a g t g c	a g t g g c a t g a	t c t t g g c t c a	c t g c a a c c t c	300
t g c c c c t g g	g t t c a a g c a a	t t c t t g t g t c	t c a g c c t c c t	g a g t a g c t g g	g a t t a c a g g c	360
g t g c a c c a c c	a c g					373

<210> 1779

<211> 408

<212> DNA

<213> Homo sapiens

<400> 1779

g g g c g a c a g a	g t g a g a c t t t	g t c a c g a a a g	a a a g a a a a a g	a a t a a a g a a a	g a a a g a g a g a	60
g a g a g a g a g a	a a g a a g a g a a	g a g a g a g a a a	g a a c g a c a g a	a a g a a g a a a a	g a a a g a a a g a	120
a a g a a g a a a a	g a a a g a g a g a	a a a g a a a a g a	a c g a g a a a g g	a a a g a a g g a a	a g a a a g a g a a	180
a g a a a g g a a c	a a a g a g g a a g	g a a g g g a g g g	a g a g a g a g a a	g g a g a g a a a g	a g g a a g g g a a	240
g g a g a g a g g g	a a c g c a g g a a	g a a t g c a t t a	c t g c c c a c a g	g t t a t c t c t t	t a t g c a c g a c	300
t t a t g c c t a g	a c g c g c t c c g	g t a t a c a a a c	g g c a a a g t c t	t a a a c c g g c g	g g c t c g t a c t	360
t a c c a c c c t t	a t c t c c c c c c	a a c c g c a t t g	c a g c t t c c t	a c c c t g c g		408

<210> 1780

<211> 351

<212> DNA

<213> Homo sapiens

<400> 1780

g a c a t c a g a a	t t g t g t a t c t	t g a t t t a c a a	a g a a a a a a a a	c a a a a g a t a c	t c t c t t t t t t	60
a a t a a a c t t a	a a a t g t t c a c	a t g g c a a g t g	t t c a c t c a g c	a a a g t a c t t c	a g a a c a a a t t	120
t c a g a a t c a c	c a g a g a a c c a	g t g a a c a a a g	a g g g t g c a g a	g a t a a g g a g a	g g c a t t a g a t	180
g a t a a a g c a a	t c a g t t c t c c	a a g g a g a c a t	a a c a g t c c t c	a c t g t g t a t g	c a c c a a a c a a	240
c a c a a c a c c c	c a a t a c a t g a	g g c a a a c t g a	t g a a c t g c a a	g g a g a a a t g g	c c a a t t c a g a	300
t a c t g a c t g g	a t t a g a a c a a	a t a c c c a a a a	c t t g g g g a g t	a g t g c t c a a t	a	351

<210> 1781

<211> 380

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(380)

<223> n = A,T,C or G

<400> 1781

c g t t g c t g t c	g c g c g a g a t g	g a t t c c g g g t	g c t g g t t g t t	c g g c g g c g a g	t t c g a g g a c t	60
c g g t g t t c g a	g g a g a g g c c g	g a g c g g c g g t	c a t g a c c g c c	c g c g t c c t a c	t g c g c c a a g c	120
t c t g c g a g c c	g c a g t g g t t t	t a t g a c g a t c	c t t a a c t t c t	c g c t t a c g t t	t c a c t t c c g c	180

ctctttcgct	tctttcttcg	cccccttttc	cttctttctca	tcccaccatt	ctgatcggtc	240
tccttgcgat	ctctgctcgc	tcttcatctc	tgcgctcctc	gtacttttcc	ttcctccatc	300
tctttctctc	ccctcgctcg	ccgcgcctt	actactcttn	ctagttctgt	cagctcttct	360
ttctgtctcg	cctctctttc					380

<210> 1782  
 <211> 347  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(347)  
 <223> n = A,T,C or G

<400> 1782	
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cacatcacat	tgtactgaat
cacatagaat	attaatgtaa
taagagacaa	catctgagca
tcaacacccc	attgtcacat
ttaaacttga	cacgtgacca
	atggcactta
	atagatatat
	atagaan
	60
	120
	180
	240
	300
	347

<210> 1783  
 <211> 336  
 <212> DNA  
 <213> Homo sapiens

<400> 1783	
ttttgagggg	tttttaaaga
ggctgggctt	gcaggagggg
tattgttgag	agtgagaagt
tataatgata	aagacggggc
cgaggtggga	gaattgcttg
ccccatctct	acaaaaaatt
	taaaaaattag
	ccaggg
	60
	120
	180
	240
	300
	336

<210> 1784  
 <211> 330  
 <212> DNA  
 <213> Homo sapiens

<400> 1784	
gttgagactg	caatgagccg
aacttgtctc	aaaaaaataa
ccaaaccaag	ttttgtctac
atthttgaaaa	ataactgaac
tttactatat	tagaaattca
aacatgagta	aactcattac
	atgtaaacad
	60
	120
	180
	240
	300
	330

<210> 1785  
 <211> 332  
 <212> DNA  
 <213> Homo sapiens

<400> 1785	
ctataacaatc	tctgttgcaa
ccatagttaa	ttaataaaca
	tggctgtgtt
	tcaataaaaac
	tttatttgca
	agaacaggca
	60
	120

gctgggcaca	ggtgatctcc	tagccatagt	tttccaacct	tatttatctc	ccaaaggaga	180
tttccttttg	gagataaata	aggtttagatt	tgatcttgag	ggtgagaaac	ttatgatagg	240
attaatatcc	tcataaaaga	agaaagaggc	cagggtgaggt	ggctcatacc	tgtaatccca	300
gcacttttgg	gagggcggag	gtgggcaaat	ct			332

<210> 1786  
 <211> 335  
 <212> DNA  
 <213> Homo sapiens

<400> 1786						
gtctccatat	aaatcgagta	tgatttccag	aaggaaagaa	aacaataaat	aggacaaatg	60
tgatatacaa	agtagagaca	ataatgggaa	atttttcaga	atcagtcatt	ggtggagcat	120
gacacgagtg	attaagtagg	gtagtgggtca	ctaaatccaa	caaaaataaa	tacctccact	180
tcatgatctt	catcattatc	atcataatca	ttgttatcat	cttaagtacc	atccacaaat	240
atcacaaagc	tctagaatac	tattgttatt	gtactggaaa	tgtaaaactc	taaggtaatt	300
aaaacataaa	tcaaattgtaa	ataatatatt	ttcag			335

<210> 1787  
 <211> 319  
 <212> DNA  
 <213> Homo sapiens

<400> 1787						
gggcgatctt	ttcggattat	cttccatgct	gtggcagaat	aaaacaaaaa	cattggctct	60
tcctggacct	tcaacctacc	agctttttgaa	ctgaaccacc	attggctctc	ctgggtctca	120
tgctttcaaa	ttcagactgc	caatatcata	ctgaatgggc	aaaagctgga	agcattccct	180
ttgaaaacca	gcacaagaca	aggatgtcct	ctcttaccac	tcctattcaa	cgtaatattg	240
gaagtctctg	ccagggaaat	caggcgaggag	aaagaaataa	aggtattcga	acaggaagag	300
aggaagtcac	attgtctct					319

<210> 1788  
 <211> 333  
 <212> DNA  
 <213> Homo sapiens

<400> 1788						
cttcctttga	aatgactttc	agtttccac	tgggatagat	tatatcaagt	ctgcttggtgta	60
aatgccatgc	tggaaagcaa	aagtgtcctt	tcaaagtatg	gaatacactg	aataagataa	120
gccgcggatc	ccgcagtatg	aggtttttaa	tttattccaa	aagaagaaat	agaggggtac	180
atttacaagc	aaagtacagg	gccaggcacg	ggggctcaca	cctgtaatcc	cagcactttg	240
ggaggtcgcg	gcgggcggat	cacgaggaca	gatcaagacc	atccctgctt	actcagaaaa	300
ctccgctct	actaaagata	cataaaccta	gcg			333

<210> 1789  
 <211> 316  
 <212> DNA  
 <213> Homo sapiens

<400> 1789						
attaaaataa	gaaaataatt	ctgatattat	attttactct	aatttttaaag	ccttttttca	60
tattaaagtgt	ttttgttgat	tcaaaattag	aaaatatatc	tatctctaata	acttaataacc	120
cattccctaa	catggcattt	gttcattcaa	ttgaaaacat	ttagcaaaat	gcctcttcga	180
catctatggg	atcattttaa	aaatgttttg	ggggacttaa	ttataattct	cctctaagct	240
tttgaagctt	agctaagact	attacctatt	ctcttggtt	ttgctaccac	catgtgctag	300
tatgtgacag	atgttt					316



<210> 1790  
 <211> 338  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(338)  
 <223> n = A,T,C or G

<400> 1790  
 tatgtactac ggttgcgaca tgacgacaga cggatgatga tgtggacccc ccacctctca 60  
 tcagcgtgga caggcatgcg ctatttgcca tcctcggtat gccctggcta taactaggat 120  
 gccactctc tcgcactcct attggacata gcaccgggtg gcctacattt tatcgatcag 180  
 gatcgagagg aggtgaggga tgttcttata ggaagagagt aagtcaaact atctttctct 240  
 gcaagtggta tgattgtata actatgaaat cccatagtct ccgccccaaa gatccatgag 300  
 ctgatgaacc tcagcaaagt tttaggatag aaaatcan 338

<210> 1791  
 <211> 326  
 <212> DNA  
 <213> Homo sapiens

<400> 1791  
 cagggctagc gagcctacct ctagaacctt cttgccaggg tcaacttctg agattgacag 60  
 ttgtctttca tgttctagca tgaaagttat ctgggttggt tgctcttatt ctagctttgt 120  
 ggggacttgt ataatctaata tttttgaata ggtaatacat tcacatgggt caaaatttaa 180  
 aaaataacaa caaaaagggt atgctgagaa aagtctctct tactctcccg ttccctatct 240  
 acccagcttc taccacctcc ctaaaagtat tagtttctta tacagtatat gtgactagaa 300  
 tttctttata taaaaagaag caaatg 326

<210> 1792  
 <211> 244  
 <212> DNA  
 <213> Homo sapiens

<400> 1792  
 gcagtggggg agaggccatg taagtacctg gggaagatcc aggcagaaca gtttgcacaa 60  
 aggccctgag atgacacctc gcttggtgtg ctggagggca gtaaggggac cagagtggct 120  
 ggagtggggt gaataagaaa gcagaaggcc gggcgtgggt gctcacgctc atgcctgtaa 180  
 tcccagcact ttaagaggct gaggtggcgg gatcacaagg tcaggagatt gagaccatcc 240  
 tggc 244

<210> 1793  
 <211> 336  
 <212> DNA  
 <213> Homo sapiens

<400> 1793  
 aaaaagatga cctaaaactg tccttatccc caggtgggtg gatatttcaac atagagaaca 60  
 aacctaagca ttctacaaac tattataact gataagtgat attagcaaca tttaaaaatt 120  
 aataattttac atctccactg gcaattacca attagagatt atgatagaat atgatagaaa 180  
 aataattcca ttatataatg caaggaaaac tataaagaat ctatgtataa atgtaacaaa 240  
 aatgtttaag acacatttgt tggaaaaatc acaaagtatt cataatatac ataataaata 300  
 aaacacatta ataaagaat aagtacaaag tccatg 336

<210> 1794

<211> 325  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(325)  
 <223> n = A,T,C or G

<400> 1794  
 tgacactcta ttatagtcta ggctgtttac atactaccat cagggacgag gatgtctgac 60  
 gtaagaaatt accacgaagt atttattccc agaaggcaaa gacctcacca tgagtgggaa 120  
 ctactgtacg cagtagcgaa aaaacattaa ggacacagaa tatacatata tgtctatatt 180  
 tatatatatg cacacattta tacacacata catatatata aaacattccc tgtttttaa 240  
 tatatgtatg tacatatata cacacatata tgtatgcgtg tgtgtatact gaaactatat 300  
 ttgcataagn ttatatatta tatcc 325

<210> 1795  
 <211> 328  
 <212> DNA  
 <213> Homo sapiens

<400> 1795  
 gccaaagatcg agccactgca ctccagcctg agcaacagag taagactctg tctcaaaaaa 60  
 attttccttt taaaggaaat aattatttat ttatttttga gatgagatct cactccgtcg 120  
 cccaggtcgg tcttgaactc ctggcctcaa gcaatcctcc cacctcagcc tctcaaagtg 180  
 ttttggtatta caggtgtgag cactgctcc tggcaaacctc gtaatttttg gtagaacaat 240  
 tgggggtactt ctgatatgaa aacaaagctg ggccaacttc ttcacttcga tatagtcata 300  
 tttatccaat tttcgttcat gctgtggg 328

<210> 1796  
 <211> 352  
 <212> DNA  
 <213> Homo sapiens

<400> 1796  
 tactatatta taagagtaga caaaaagaga caaaaatctc tgctctcaaa gagcttaaata 60  
 gctggtggga gctaagaagc agataaaaaa aggcgaaata atggttactt caatttagca 120  
 tataccaagt gctaggtggt ctctgagta tctactaggt attacttaat ttaatcctcc 180  
 caacaactcc atgaggaaag tattactatt gtgcatatgg ggaaactgag acacagagag 240  
 attaagttac ctgctgaaga tcatgcagct cctgaaggca gaaccaagat ccaaactga 300  
 tgggtcttggg acaaagtcca tgggtctaatt aagagctaca cttcaggcca gg 352

<210> 1797  
 <211> 353  
 <212> DNA  
 <213> Homo sapiens

<400> 1797  
 tatgttttct tccagatggt ttatagggtg ggtcttatat ctaggtcttt gattcacttt 60  
 gagtttttat atataatggg agatcacatg ctgtttttga aaacgagtta aagtggtaaa 120  
 caatcaggag tttaaaaata tgcattctatc tttggtttta ctgacaatca tgtgatatt 180  
 tggtaaacat accatttaat agaaagaaaa caaactttaa cctctaataa ggctgatatt 240  
 ctcaatattt actttaaaaa tgtgataagc ttagagttat tagaaaaggc ctttgacatt 300  
 tttgttttta caaatcaact gctttcaata aagacttgaa taaatgaagc ctt 353

<210> 1798

<211> 362  
 <212> DNA  
 <213> Homo sapiens

<400> 1798  
 tatgttataaa tgctcttaca cagagcccag actttccaag gggtattctt tgtgtgagtg 60  
 tgtgagtgtg agtgtgcgtg tgtgttcaca aatagaggcc cagcacgctt atactacaaa 120  
 gagagagggt actcggggga atatactaac accggaaagg gttactaatt taaatgctga 180  
 ggggtacagac ctacctcacc ttgtgaagcg cactatctct cgactgggca cggttacata 240  
 cgtctgcagt tctagcactt tacgaggctc gagcctggtg gatcacgatg tcaggagttc 300  
 gagaccagcc tgtgcaatat gggcaaacc cgtctctac tattcatact tatattagct 360  
 gg 362

<210> 1799  
 <211> 372  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(372)  
 <223> n = A,T,C or G

<400> 1799  
 aagattgttg tatcgccata tctatttcta ctttgtaaca gtagcttttt tttgccacgt 60  
 ttaatgactg atcacaaagt gagatatatta aatatatata tacacacaca catatatgca 120  
 tatatgtgtg cgcttggtgtg tgtgcgtcta tatgatagat acttgccaca tgtttaatga 180  
 ctgacacagaa agtgagattt taaaatatac atatatatac acatgtgtgt gctttgagag 240  
 cgggtgtgtat atatatatga tagatactta gctgatcttc acaccacaac attaactctgc 300  
 ccaccatgaa cagaagcact gctatcaagt atcagccttc ttgtataata acaggaaatt 360  
 cagaacattg an 372

<210> 1800  
 <211> 278  
 <212> DNA  
 <213> Homo sapiens

<400> 1800  
 gttgggttttg tttttacgat agtttatcac aatctgtcag tgttttaaat gcatgtatct 60  
 tttgatcccg cagtttctat aacattctct cttacggata taccatact tgtgggcaca 120  
 tataccatat ttcattccaa ctaaaacact ctaaatagta caaagtgcta ttattttatg 180  
 taccattaag aaaacaaaac ctaccgcttt aactatgaca cagtcctttc atatcactta 240  
 gaattgcgtc ttatactcat taagaccgct ctagctg 278

<210> 1801  
 <211> 357  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(357)  
 <223> n = A,T,C or G

<400> 1801  
 agacaagggt tcaccatggt ggccaggctg gtctccaact tctgggtcaa gtgatccacc 60  
 cacctcaacc tcccaaagt ctgggtttac aggtgtgagc caccatgcc agccctacaa 120

ccaactgggtt	tttgacaaaag	gcaacagtaa	tacacagtgg	ggcaaggaca	ttctcttcag	180
taaatcgtgt	tgggaaaact	ggataaactg	cagaacaaaa	ttagaccctt	atctctcacc	240
atatacaaaa	atcatcttgg	gttataaaaa	aaacaggacc	tgaaactatg	aaactactag	300
gagaaacaag	aaaagctatg	tgacattgat	ctgcaccatg	atcttgtatc	tatgacn	357

<210> 1802  
 <211> 351  
 <212> DNA  
 <213> Homo sapiens

<400> 1802						
cccccttcac	ggctttgcac	aagtggcctt	ttataaaatt	accacttgct	gtttgccatt	60
ctgcctctga	gggactgaat	ttccaacccc	ccatgggatg	gtataaggag	atggggactt	120
tggggggtaa	ctaggtttat	aagaggccat	aaggggcttg	gcctagaggc	tcacacctgt	180
aatcccagca	ctttggggag	ccaacacagg	aggatcactt	gggccagta	gctcaagacc	240
agcctgggta	acacaggagg	atcctgtctc	aaatcaaat	aattaaattg	ttaaaaagat	300
aagaatatga	tagaacaggg	catgaaggtg	gggccccgt	gatggcctta	g	351

<210> 1803  
 <211> 410  
 <212> DNA  
 <213> Homo sapiens

<400> 1803						
ggcacgaggt	cggcggaaaag	tttggtgctg	cgggttcccc	cgaagttcag	agtgaagaca	60
tttccacctg	gacacctgac	catgtgcctg	ccctgagcag	cgaggcccac	caggcatctc	120
tgttgtgggc	agcagggcca	ggtcctgggc	tgtggaccct	cggcagttgg	caggctccct	180
ctgcagtggg	gtctgggcct	cggccccacc	atgtcgagcc	tcggcgggtg	ctcccaggat	240
gccggcggca	gtagcagcag	cagcaccaat	ggcagcgggt	gcagtggcag	cagtggccca	300
aaggcaggag	cagcagacaa	gagtgcagtg	gtggctgccg	cgcaccagc	ctcagtggca	360
gatgacacac	cacccccga	gcgtcggaac	aagagcggta	tcacagtga		410

<210> 1804  
 <211> 406  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(406)  
 <223> n = A,T,C or G

<400> 1804						
cgttgctgtc	ggcgatcctt	cccggcaact	ttttcgagaa	aaatgcccaa	attcaaggcg	60
gcccgtgggg	tgggggggtca	ggaaaaacat	gcgcccctgg	ccgatcagat	cctggctggg	120
aatgcggtgc	gggcgggggt	ccgggagaag	cggcgggggt	gcgggacagg	agaagcggag	180
gaagagtatg	tggggccccg	gctgagccga	cggattttgc	agcaagcacg	gcagcaacag	240
gaggaaactc	aggccgagca	tgggactggg	gacaagcccg	cggcgccgcg	ggaacgcacc	300
acgcggctgg	gtccaagaat	gcctcaggat	ggatcanatg	acgaggacga	ggagtggccc	360
accctggaga	aggctgccac	aatgacagca	gcgggccatc	atgcag		406

<210> 1805  
 <211> 329  
 <212> DNA  
 <213> Homo sapiens

<400> 1805

gagcacacct	gcacacactg	gaacacacct	atgcacacct	gcacacacct	gcaacgctca	60
tcgtccctat	gtgacctgga	gcaagttatc	taacctcttg	gtgcctgagc	ttccttatct	120
gtaagggtgat	agtgatgatg	ccccccccc	gagagctgtc	atgagaatga	aatgagggtga	180
cgcccttaca	ggtgtgtaag	ggcgatacct	ggcacactgt	ggggccatct	gaggggttget	240
catcatcccc	catcccggga	gcttgccacc	gtgccccagg	gtgcagccca	cagacagctg	300
cagctgccat	ggtcacagga	gatacacaag				329

<210> 1806  
 <211> 321  
 <212> DNA  
 <213> Homo sapiens

<400> 1806						
aaatacaaca	gagaagctca	acagagccaa	aaattgtttc	tttgaaaata	ctagtaaaac	60
tgactaacct	ctgatgtgac	tgaccagtaa	caaattagtg	atgcaaaaat	aacctatgag	120
gaatgaaaag	aggaacctaa	ttacagatgc	cacagagatt	aaaaagatag	aagaatacaa	180
tgaactttat	gccaataaat	cttaaaagtt	agatgaaatg	aactcctgaa	aagaaaactt	240
aaactgtccc	aagtagaaac	agaaaacttt	gaatatctct	aaaactactt	cagaaaatga	300
atcagtagtt	aaaaatctac	c				321

<210> 1807  
 <211> 399  
 <212> DNA  
 <213> Homo sapiens

<400> 1807						
ggcacgagaa	gaactcttgc	tcacatcatc	taagagattg	cacctgctga	cctagagatt	60
ccggcctgtg	ctcctgtgct	gctgagcagg	gcaaccagta	gcaccatgtc	tgtgactggc	120
gggaagatgg	caccgtccct	caccagagg	atcctcagcc	acctgggcct	ggccagcaag	180
actgcagcgt	gggggaccct	gggcaccctc	aggaccttct	tgaacttcag	cgtggacaag	240
gatgcgcaga	ggctactgag	ggccattact	ggccaaggcg	tggaccgcag	tgccattgtg	300
gacgtgctga	ccaaccggag	cagagagcat	aggcagctca	tctcacgaaa	cttcaggag	360
cgcacccaac	aggacctgat	gaagtctcta	caggcagcg			399

<210> 1808  
 <211> 129  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(129)  
 <223> n = A,T,C or G

<400> 1808						
gcttccggtg	ggcttggtac	tgatcgcncc	aggetctaca	gagtgacggt	ttaattcctg	60
ggtcctggag	ctacttctgt	ggttccatgt	ctggatctgt	atgttccagt	aagcgtactc	120
ggtaatctg						129

<210> 1809  
 <211> 387  
 <212> DNA  
 <213> Homo sapiens

<400> 1809						
cacctcaatt	aaaaagcaga	tactgctagt	ttggatgaaa	aagcaagata	caactatata	60
ctgcctataa	gaaatagact	ttaaataata	aaacacaaat	aggtacaata	agaatatgga	120

agaagatatt	ccatgttaac	aataaaaagaa	agctgaggtg	gctatattac	tcaaagtaga	180
ctgcagtgca	aagaatatta	taaagaataa	aggtcattat	aatgataaaa	ggtcgatttt	240
atcattatgt	tctctgacta	caatgtaatt	aaattagaaa	tcaataacat	gagattatct	300
gaaaaatact	tggggaaaaa	atacacacgt	ctaagtaacc	catgggtcaa	ataagcaatc	360
aaaaggaaga	ttaggaaata	ttctgaa				387

<210> 1810

<211> 388

<212> DNA

<213> Homo sapiens

<400> 1810

cctctgaaac	ttgggttgcc	catccaaaga	gggggtgaca	atcctgtctt	gccaaagactg	60
ctgtgaggat	tcagcttata	agtcataaaa	tgtagtcggc	tggctgggca	cagtggctta	120
cacctataat	cccagcactt	tgggaggcca	aggcaggagg	atcactagag	cccaagagtg	180
tgacaacatc	gtgtgccatg	gagagagacc	ccatctattc	aaaatacaaa	actatatgtg	240
cgcggggggg	cgtacctctg	gattcccatc	ctcgcgaggg	gctgacgcga	gctaattgtga	300
tcagcccggg	cggctaagcg	ttcaccgacg	cgagtatgcg	ccactgctta	tccctctgtg	360
caacagaaaa	cgactttttt	gaaagata				388

<210> 1811

<211> 345

<212> DNA

<213> Homo sapiens

<400> 1811

aaaaatccaa	gttcatttgg	gatcttgttt	acttatcatc	tagataaaaa	gtttgcaaac	60
tatagccaaa	gggcccacatc	ccacctgcca	cctgatttta	taaataaagt	tttactggag	120
cataactgca	cctatttgg	ttgttttgg	ttttgagtcg	gagtctcgct	gtgttgccca	180
ggctggagtg	cagtggcacg	atctcagctc	actgcaagct	ccgcctcttg	ggttcacacc	240
attctcctgc	ctcagcctcc	cgagtaggtg	ggactacagg	cggccgccac	cacgcccggc	300
taattttttg	tatttttagt	aaaaatgggg	tttcaccgtg	ttagc		345

<210> 1812

<211> 283

<212> DNA

<213> Homo sapiens

<400> 1812

tttacctcat	tgggtatatg	tactcctagg	tatgggtgggg	tttttcttgt	gcatgacgca	60
agtattaaat	taaacctctc	atgttatact	ttatcttatt	ccttacaata	gctcagacag	120
tagatcatct	ctgtttccac	tcaaatgcac	cagaagcctg	agtgtgtatt	ttatttattt	180
atttaaaaac	tgaatatcac	tctgttacct	atgctggagt	gtggaggggc	catcataaat	240
tattgcaacc	tttaacactt	agtcttaaag	gattctccca	cct		283

<210> 1813

<211> 331

<212> DNA

<213> Homo sapiens

<400> 1813

caaatatcct	cagtaaagta	ctggcaaaca	aaattcaaca	gcacattaaa	agattttatat	60
gccgtgatca	agagaaat	atccctgggt	tacaacagtg	gttcagcata	tataaatcag	120
ttaatgtgat	atatcacatt	cacagattaa	aagcaaaaaa	cacatatata	cctcaataga	180
tacagaaaaa	tattttttta	actcaacatc	cattaatgat	aaataatatt	taacaaaaata	240
ggtataaaaa	acttacctca	ataactaacat	aataattaat	agacaaaagaa	gcttgaaaac	300
tttttctcaa	ggaccagta	gaaaaacaagg	a			331

<210> 1814  
 <211> 335  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(335)  
 <223> n = A,T,C or G

<400> 1814  
 tttccgtttg ttgagacttg ttctatagca caaaatatag tctaatttgg aaaatgttct 60  
 gtgtgcattt gaaaaggata cacatttgaa aaagacatgc tattgttgaa tagagtgtcc 120  
 tatcattatc tgtaggtta agttgttgac aatgttattt cagggttctt tgtagatttg 180  
 cttatttctc tttctagntc catttgtttt tgccatacat atttaaaatt ctgttattag 240  
 tgattaattt tttaggactt ttatgtcctt ttgatgaaat gactcactgc ttattagtaa 300  
 atgaccttcg tgaactcttg gtttcattct tgggg 335

<210> 1815  
 <211> 331  
 <212> DNA  
 <213> Homo sapiens

<400> 1815  
 catttacata tacttgaaaa tcattgctat taatttctaa tttattttct ctttttgta 60  
 gataatacac ttcgtaggat ttgaaacctt ttccgtttgt tgagacttgt tctatagcac 120  
 aaaatatagt ctaatttgga aaatgttctg tgtgcatttg aaaaggatac acatttgaaa 180  
 aagacatgct attgttgaat agagtgtcct atcattatct gttagggttaa agcgctgaca 240  
 atgttatttc aggttcttt gttagattagc ttatttctct ttctagctcc atttgctttt 300  
 gccatacata tgtaaaattc tgatattaga g 331

<210> 1816  
 <211> 322  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(322)  
 <223> n = A,T,C or G

<400> 1816  
 tctatccagg tatccatcca tccatctctc cctccctcct tccctccctc catctctccc 60  
 ttcattccatc catagctcta tcctatcacc catccatcta tccctttatc caatcatcca 120  
 gccatccatc cctctatcca atcatctatc catccatcct tctatccaat catccatcca 180  
 tctatccctt attcaccctc cctccatgca atcaaccatc tatccattcc catttatcta 240  
 acaaatcatg catncacca cacaccaac attcaccatc tcattcaaca atccattcac 300  
 ccattcacca ttacttaaca ga 322

<210> 1817  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<400> 1817  
 gtacacacac atgcatatac atatgtatgt gtgcgcatat gcatacacgt ccatacacgt 60

gtacatatat	gtgcatgtgt	gcgtgcatac	acacatgtac	atacatatgg	atacatacac	120
atgtatacat	atacatgcat	gcaggcacat	gtatacatgc	atacatacac	atgtatttaa	180
gccagagatt	gcacactggt	gccctaagag	ctggatattg	gccagatgt	gttttctttg	240
gtctacatta	aatttttttt	ttcctttttg	agacagaatc	ttgtcctgtc	acccaggc	298

<210> 1818  
 <211> 345  
 <212> DNA  
 <213> Homo sapiens

<400> 1818						
gggcaggtct	tttcctttct	cctccacttc	cctaccctc	caccgtccgg	gagccgccgc	60
caccgccgcc	gaggagtcag	gaagttcaag	atggccgccg	cggagaccca	gtcgctacgg	120
gagcagccag	agatggaaga	tgctaattct	gaaaagagta	taaatgaaga	aaatggagaa	180
gtatcagaag	accagtctca	aaataagcac	agtcgtcaca	aaaaaaagaa	gcataaacac	240
agaagtaaac	ataagaaaca	taaacattcc	tcagaagaag	acaaggataa	aaaacataaa	300
cataagcata	aacataagaa	acacaaaaga	aaagaggtta	ttgat		345

<210> 1819  
 <211> 350  
 <212> DNA  
 <213> Homo sapiens

<400> 1819						
tgattttctca	ccctcccaaa	cacttacctt	atTTTTTTct	ctatatctgc	atggTTTTgt	60
ttccttaata	tattccagga	aatttatTTT	tgggttggcc	tactggagaa	gttatgatga	120
atagaaaagt	gtgaagaaga	accttctatt	ctcctcacag	tatacggcaa	agagcgtgca	180
attgccccca	caatatcatt	gtggaaaggt	catattactg	agactagcta	gtaacacatt	240
agcttacaga	attctcattc	ttacgctata	atattacctt	cctcatcaaa	cttacctgac	300
cgcattgcttg	atggttggctg	attaagacat	aacacgctgg	tatttaccaa		350

<210> 1820  
 <211> 269  
 <212> DNA  
 <213> Homo sapiens

<400> 1820						
cagcctccta	cagactttta	agtgccatga	gtctcaggca	attaaaacta	gaagtacttc	60
tacgtatgat	ctattagggtc	ctaaaagact	acttctatat	tcatttggtc	caaagttcag	120
agtgacacat	actatccaag	agacagctaa	tggTTTTgt	tctggcacat	gacttggtca	180
tatctacaca	agttcacaaa	ttgaaaattc	ttaagagttt	ctggccaggc	acagcggctc	240
atgtctataa	ttccaacacc	ttgtgagga				269

<210> 1821  
 <211> 390  
 <212> DNA  
 <213> Homo sapiens

<400> 1821						
cgttgctgtc	gctgctttgt	agagaataga	atataggaaa	gcaagaatgg	aaacagagct	60
attaggaggc	tattggagaa	taatgcagat	gagagattat	tacactgtct	gaactaagga	120
ggtggcggtg	aagggtgtaga	gaagatggat	ttttttttta	acgggtccac	tgtctagagt	180
gcagtggcgt	gatcacagct	cactgcaacc	tagacctoct	gggctcaggc	gacccctcca	240
cctcagcatc	ctgagtagct	gggactatag	gcgcattgca	ccatgcctgg	ctaatttttc	300
gtattttttt	gtagagattg	ggtctctcca	cattgccccg	gctgctctcc	aacccctgag	360
ttcaagtgat	tcacctccct	tggctcccca				390



<210> 1822  
 <211> 388  
 <212> DNA  
 <213> Homo sapiens

<400> 1822  
 cacacctgta gtcccagcta ctcaggaggc tgggggtggga ggaacacttg agcctgcatt 60  
 tcgaagcttt gcattgatgc tgcaccccag cctgggtgac agagcaagac ccggtctcaa 120  
 aaagaaaaat aaaacactaa tcccttcctc agaagaggag gtaaaatcct tgagtgatgt 180  
 ttactcttct tcatatccca taactcagat attatgatgc aaaattaata atacttaata 240  
 ctatgacata aagttaatac atcttatgtt acattatgag ggaataaaaag agaaaagaaa 300  
 atgaagatat ttgcttgata tacacacaca taaacatata aataacaaaa tgaggaaata 360  
 ctcattggcaa tcatagtctt aggggtcca 388

<210> 1823  
 <211> 363  
 <212> DNA  
 <213> Homo sapiens

<400> 1823  
 cagaagaagg attgattatg atacttactc agaattttcc aaaactgata aagtacatta 60  
 gccaacagat tcaagaagct ctctgactct aagctgaata aaaataaaac cacttttagca 120  
 aaaaatctaa ctctaagctg aacaaaaata aaaccactcc tagcaaaaac aaacaacaaa 180  
 aacttcaaag aagcaacagt ataactgatt actgctcagc aaaaaatgat gcaaaccaaa 240  
 agacaataag aagaaatctt taaaatactg taagaaaatt actgttcacc tagaatttta 300  
 taccgaatta atatatcctt caaaactgaa tgcaaaatag agatgtattc agacaaaaac 360  
 cag 363

<210> 1824  
 <211> 355  
 <212> DNA  
 <213> Homo sapiens

<400> 1824  
 tttctaaaag tactaaaaca gccttaaaaa taacaaggaa aacccaattt aaaattttta 60  
 tacttattgt aaagctagaa taattgattc tgcattggtt ggaaaaacaa gatataattca 120  
 gcaatgaaac aggatagaaa atcaagtaat agacacgcat atatgtggtc aatcgatgtt 180  
 caacaaaact gccacggcaa ttcagtagaa gaaaagcaat ctottcaaga tacgttgctg 240  
 gaacaattgg agagccatct acaaatgaac ttcaatcttt atctacctca acaagaaaca 300  
 cagaatagat gagaaaacaa atgtggggagc taaaaatgta aatattctag aagta 355

<210> 1825  
 <211> 388  
 <212> DNA  
 <213> Homo sapiens

<400> 1825  
 cgttgctgtc ggcgtctacc acggcctgcc cgccagccac atggagctgg cccaggagct 60  
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 gcacttcaac ctttaccccc agccggggccg tcgggacgtg gaggtcaagc cagcagacag 180  
 gcacaacctg ctgcggccag agaccgtgga gagcctgttc tacctgtacc gcgtcacagg 240  
 ggaccgcaa taccaggact ggggctggga gattctgcag agcttcagcc gattcacacg 300  
 ggtcccctcg ggtggctatt cttccatcaa caatgtccag gatcctcaga agcccagacc 360  
 tagggacaag atggagagct tcttcctg 388

<210> 1826  
 <211> 354

<212> DNA  
<213> Homo sapiens

<400> 1826  
ctccctgcaa actcaacctc ccaggctcag gtgattctcc cacatctagc ttaatgtatt 60  
aatgatgtaa tagacaatta ctggccaggg gcggtggcca gagcgagact ccatctcaaa 120  
aaagaaaaga aaagaaaaga aaattactgg cggcaagcag gaacattgta gattttgaaa 180  
ctgtcttggt ttacaagata ctgaagcaag gtggtgcaat tattacgtcc ttctaaagct 240  
gatcggataa aggccttaat tttgtaattt tcagagaata ttaccaatgt agcaagattt 300  
accaataacc aatggttgct tgaagacaaa agagggtggt ggaacttgct taat 354

<210> 1827  
<211> 342  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(342)  
<223> n = A,T,C or G

<400> 1827  
aatggggggc tcgaagatag taatttctta tgtcctaagc taggggggtat gcatatggga 60  
gttcgtttta ttgccattct gtatgactca cacatgtcag aaatattctt tggctctgta 120  
ttttaaata caagtggggc aggtgtggtg gtcacacct gtaatcccag cactttggga 180  
ggccgagtc agcggatcat ctgaggtcag gagttcaaga ccagcctggc caacatggtg 240  
aaaccccgct tctactaaaa atagaaaaat tagctgggtg tgggtggcaca cacctgtaac 300  
cccttgngag actgagggag gagaatccct tgaaccagg ag 342

<210> 1828  
<211> 373  
<212> DNA  
<213> Homo sapiens

<400> 1828  
actacgggtg cgagatgacg acagacaggg atactgtggc actgacctca accctggggg 60  
acagagtaag actctgtctc tgtcaatatt gtgatgctat tgcttttttt gtaactttta 120  
taccgctgag aacacagaga gactgogacg tatagacct actaagggtt ttttgtctgg 180  
ggagcgtgtg ggggagtaga agtaaaactt taaaaattca agatagaatc gtgatgagca 240  
agcctcatgc acatgcatga ggatggctac taccaaaaag gcagaagata acaagtgttg 300  
gtgaggaagc agagaaactg gaactctcat gcagtggggg tgagaaggta atatagtgca 360  
gccgcggctg ggt 373

<210> 1829  
<211> 350  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(350)  
<223> n = A,T,C or G

<400> 1829  
tattactgct ttcttttgtg ttaaatagga tttttctaata gtactatttt aattcctgtg 60  
tagtttcttt tgctatctat tttttagga ctattaatac taaatttata ataacctagt 120  
ttaatgtcta cttaatctca atattttgta aaaactttgc tcttatacag tcccatattc 180

tcttctttta	tttatctatt	ggtgctgtgc	aaattgtatc	tttatacaca	gtatgcccat	240
cagcacggat	ttataattat	tgtctttttt	ataccattgt	cttttanatc	aaacaggaaa	300
aattattaga	acaaaaaatt	catctatact	ggcttttata	tctacttatg		350

<210> 1830  
 <211> 240  
 <212> DNA  
 <213> Homo sapiens

<400> 1830	
tacggctcca	aaaaaacaac aaagggtacc gcttgcaaaa tactacaaaa gggttccgct 60
gcaaaaatac	tacagaaggg taccgctgcg agaatactac agaagggttc ggctggggga 120
atactacata	agggttccgt tgcgagaaaa tctataaaag ggtccggctg ggagaaaact 180
acagaagggg	acccgctgcc gaaaagacct cataaagggg tctcgctgtt agataaattg 240

<210> 1831  
 <211> 131  
 <212> DNA  
 <213> Homo sapiens

<400> 1831	
tacgggtgcg	ataagacgac tgaagggtac ggttgctata tgacgacata tggggagcca 60
gtttctatgt	ctttggaagt gtcgtgtagg tggatcatctc tgcttatctc cgccttctct 120
taacgtccgg	c 131

<210> 1832  
 <211> 330  
 <212> DNA  
 <213> Homo sapiens

<400> 1832	
taccgctgtg	agaacactac tgaagggtcc ggctgcgata cgactacaga agggcaccct 60
gatcactact	gctggcatcc acgcctgccca tccacaggct tggggacatg tccaccttgc 120
ccaccttgcc	cactgccacc accactggtg cccaacgact atctggtcta gagttttcat 180
gcctagcaaa	gcctcaaaca gtcttcagta acaaacacag gctaagccaa tgagaaactc 240
atagatacca	ctgacactag ttatagctac ctaaatactt cagaggctac actactgccc 300
taccctgtat	caccacccaaa gcctcctacc 330

<210> 1833  
 <211> 373  
 <212> DNA  
 <213> Homo sapiens

<400> 1833	
gattgcataa	gctaaggagt ttgagaccag cctgggcaat atggcaaaac cccatctcta 60
caaaacatac	aaaaattagc caggtatggc agctcgcacc tgtagtccca gctacttggg 120
gggcagaggc	gagaggatca cctgagactg ggagggttag gcagcagtga gttgagatca 180
tgctactgta	ctccagcctg ggcaacaaag tgagaccccg tttctttttt ttttttgaaa 240
acaaagcttg	gttttgacac caagctgggc gtccagggcc ccaatttggtg ttaatggaag 300
gcttggcttc	caagggtcac accatttttt gggtaaagcc tccaaaagaa cttggaacat 360
aaaagccccc	cct 373

<210> 1834  
 <211> 393  
 <212> DNA  
 <213> Homo sapiens

<400> 1834  
ggcacgaggt aatcccagct actcgggagg ctgaggcagg agaattgctt gaacctggga 60  
ggtagagggt gcagtagccg agattgcgcc attgcactct agcttgggaa acaagagtga 120  
cactccatct caaaaaaaaaa aaaaaaaaaag ggggtccttt ggaattttta aaaaaaaaaa 180  
aaaagggggg gggggaaggg aaaaagggat caaaaagggc caaaaaaaaaa gggggaggga 240  
ttttgggggc caaatgtgaa aaaggggggt ttcccctttt gaaaagggcc atttttttta 300  
acgggtgaaa gtttccaaaa aggccggggg ggaaaaaaa ggggggttaa tttttttccc 360  
aaattgggaa aagaccctt tgtttttttt cca 393

<210> 1835  
<211> 376  
<212> DNA  
<213> Homo sapiens

<400> 1835  
cacctcaatt aaaaagcaga tactgctagt ttggatgaaa aagcaagata caactatata 60  
ctgcctataa gaaatagact ttaaatataa aaacacaaat aggtacaata agaatatgga 120  
agaagatatt ccatgttaac aataaaagaa agctgagggtg gctatattac tcaaagtaga 180  
ctgcagtgc aagaatatta taaagaataa aggtcattat aatgataaaa ggtcgatttt 240  
atcattatgt tctctgacta caatgtaatt aaattagaaa tcaataacat gagattatct 300  
gaaaaatact tggggaaaaa atacacacgt ctaagtaacc catgggtcaa ataagcaatc 360  
aaaaggaaga ttagga 376

<210> 1836  
<211> 294  
<212> DNA  
<213> Homo sapiens

<400> 1836  
gcatgtctta aaaccaaata gggaaaatat aaaaccaggc tgggcaagggt ggctcatgcc 60  
tgtacaatgc ttggcacaat gcctggcaca tggaggccaa ggtgggaggc tcacttgaga 120  
ccatcctgga caacgaagtg agaccctgtg tcaaaagaaa aaaacagagg gagagagaga 180  
gcgcgaaaac tacaaacgag aggtgacaat cttccggggg ggcttatttt gaaaaatttt 240  
tcgcctgtt tctcacttaa aaaaaaaagg gccacacttc taagaaaaag gggg 294

<210> 1837  
<211> 345  
<212> DNA  
<213> Homo sapiens

<400> 1837  
ctggccaaca tggagaaaac cccatctcta ctaaaaatac aaaaattagc tgggcgtgca 60  
cctgtaatcc cagctactcg ggaggctgag gcaggagaat cgcttaaacc caggaggcgg 120  
aggttgcagt gagccgagat catgccactg cactccagcc tgggtgacag agtgagaccc 180  
cgtctcaaaa caaaccaaca aaaaacagag ccagggtgtg tgggtgtcac ctggaacata 240  
acttctcaca acgctgccgt ggggaagactg cttgaacctc caggagcgcg aggaacactc 300  
tggtcatacc aaccgagggtc tcaaatttca aaggcatttc tattc 345

<210> 1838  
<211> 262  
<212> DNA  
<213> Homo sapiens

<400> 1838  
tgggcatggg ggcaaacgcc tgtaatccca gctactgggg aggctgaggc aggagaattg 60  
cttcaaccgg ggaggcagag gttgcagtga gctgagatcg cgccattaca ctccagcctg 120  
ggcaacaaga gtgaaactcc ctctcaaa aacaaaaaca aaatatctat ggtgcatgta 180

ccaagccagt aacattgtgc ccaacaccaa ctctatgcag catccttcca tgaaccact 240  
gtattgaaac tgtcatcttg gg 262

<210> 1839

<211> 298

<212> DNA

<213> Homo sapiens

<400> 1839

aactgttgta	tttttaatat	acaatttcac	gacgttggcg	aggctggctc	tgaacccctg	60
acctcaggtg	atccacccgc	ctcagcctct	caaagcgctg	ggacaggcgt	gagacaccgt	120
gctgggacag	tagtaacttc	taatggataa	tgtatgcgtg	gggtggaaag	gggagtacca	180
gtatTTTTAT	ttcaaacaca	tatacaaaac	accagcttgc	aattcaccct	gaagaaccct	240
cagcacagag	cagtttcata	agtcctatgcc	atcgtgccat	atgccttctt	cactggcc	298

<210> 1840

<211> 324

<212> DNA

<213> Homo sapiens

<400> 1840

ataacctcta	tgcatacttc	tttttagctg	aagtatgcc	ggcctgtctc	taacatatta	60
tgcataattg	tgataccatt	aagtagagag	ggttttttaa	taataatctg	actcaaaaga	120
aaaagacaaa	attgaatata	atgaactcca	aggagataca	ggaattgtac	agattgctta	180
gagtataaga	aacttgctta	agtatgtgaa	acttgattgt	gattagaaaa	aaaaatttat	240
ttaatcctgt	tgttcctagt	tattcaacat	ttggacgcca	taaaagaaaa	aatgggctgg	300
gcacagtggc	tcacacctgt	aatc				324

<210> 1841

<211> 129

<212> DNA

<213> Homo sapiens

<400> 1841

taccgctgcg	ataagacgac	acatggctgc	ggttgcgagt	actcaacaga	ctgggacggg	60
tgggagacct	cgacacaggg	gtgcggctgt	gagaagaccc	aagatagtgc	cgctgcacat	120
aagactacg						129

<210> 1842

<211> 249

<212> DNA

<213> Homo sapiens

<400> 1842

tggtatccac	aggaggtcct	gtaagcaatt	tcctgtggat	acttagggat	gactgtacat	60
ggttataaaa	ggaaattgat	cagagttaaa	gagagattta	gtgagctgaa	gaaagtcagt	120
agaaaatatc	tagactgaag	catgcaaaca	aaatatatgg	aaagtacaga	aaatagcatt	180
agagatgtac	agaaccttat	gcaaagggtg	aatatgaagg	aacctggaga	tccccaaggg	240
agagagaat						249

<210> 1843

<211> 344

<212> DNA

<213> Homo sapiens

<400> 1843

caaaccacca	ccactaagta	aaccaaaca	tgcattgatca	actggaaaaa	aatgcaact	60
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catagcaaag	actatacata	aagagctttc	agaataaaga	agaaaaagac	caacaacata	120
gtgggaaaat	gtctgaaatt	caaaacacac	tccacataaa	aataaacaca	aaatgacatt	180
taaatacatg	aaaatatgat	caaccttact	tataataaca	gaaatataaa	taaagctat	240
aacaaaatac	cattttctcac	ctaccagcaa	aaatccaaaa	ggttgacaac	agattccatg	300
ggtgatgttc	tagggaaaca	ggcactttca	catactgctt	gcac		344

<210> 1844  
 <211> 360  
 <212> DNA  
 <213> Homo sapiens

<400> 1844						
tcacatggt	ggccgggctc	gtcttgaact	cctgacctca	agtgatctgc	ctgcctcagc	60
ctcccaaagt	gctggaatta	cagggatgag	ccaccacct	cagcctgact	ttggccccctt	120
ttaatagtaa	aacaataggt	tttctggaaa	ctctgaaaca	gacttctggt	tatatatcat	180
tggctataat	catgtcaact	atgaccaccc	ccaactttat	gtttgattta	cggcacattg	240
gccaaaataa	ctgaacataa	tcgcgttaca	tttaaaaaga	accacgggtg	gcactggcgg	300
gtcttagttg	taatcccaac	cctttggggag	gacaaaaccc	atgggtcact	tggggccagt	360

<210> 1845  
 <211> 359  
 <212> DNA  
 <213> Homo sapiens

<400> 1845						
ttgcaggcag	actgtagccc	catttttagt	cctgtttgtt	tgacttaagg	ttcagtgagt	60
cttgtgtaac	agttgtcctt	cttgtcagct	gtctttcaac	tgtgcccgtt	actgttgtct	120
ggttgtggga	ttagtccat	catgaagact	ggctaattgt	tttgcattga	gtgcctcatt	180
cctgctacag	gaggaggtca	gaaaggtaaa	accaggccag	gtgtggtggc	tcacgcctat	240
aacccaacaa	ctttggggagg	ctgaggcagg	agaatcactt	gaggtcgggt	ttgagatcac	300
cctgggcaac	atagtggagc	cttgtcttcc	ctcccaccaa	aaatagggtga	gagtgcgct	359

<210> 1846  
 <211> 357  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(357)  
 <223> n = A,T,C or G

<400> 1846						
ctacggctgc	cagaagacga	ctgaaggcca	gctaacatca	tacttagtgg	tgagaaactg	60
cctttcttct	aagacagaga	ataaggcaaa	gataaccctt	ctcaccactc	ctattcagca	120
ctgtactgga	agctctagtt	gccgccctaa	gacacgataa	ggaacaaaaa	gatgtacaga	180
ttgcgaagga	agaaataaaa	ctgtctttgt	ttgcagatga	catgactgtc	taaagaaccc	240
tgaacaatg	aagtgactat	agcaaagtta	caggatacaa	ggttattata	cacagccaat	300
tggattccaa	aatgccagcc	accaccagcc	agaatttata	atcaaaaaga	tactatn	357

<210> 1847  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 1847						
taccgctccc	agaagtcgac	cgaagggtgt	ggatgtttgt	agggatgtat	atttgggtatt	60

gtggcaaggt acacataaca ttaaatatgc tatctgaaac tgtgtaagcg tatagttcag	120
tagcatcaag tacattcggt ctggtgtgca atcataacca cc	162

<210> 1848

<211> 337

<212> DNA

<213> Homo sapiens

<400> 1848

gccaggtgg agtacaatca gcgcataagt ctctgaatg aggggcaaaa ggagagactt	60
cgggagcagg aggagaggct tcaggagcag caggagaggc ttcgggagca ggaggagagg	120
cttcagcagc tggccgagcc acagaacagc ttctaggagc tgggtgcgttg cccagctgg	180
ggagcctgcc ctctcccta gccctccagg cctttgtttc cccacctata aaatgtggca	240
gagtagccct caagtgaat gttactcta aaggcacctg tgagccagag acctgctctg	300
gtggctgtgg gagacagggg aagacttttc taacctg	337

<210> 1849

<211> 354

<212> DNA

<213> Homo sapiens

<400> 1849

ggttcttaga atgtatcccc catggataaa gggggactac tgcacttggt cttttgcagt	60
cattcacaga catgcacaga gtggcaaaaa atttaaatca ccctacatgt actttctggg	120
tgaggtcaaa gtttcactct gtcttctcat ttcagctctt atgctataaa caagtatcct	180
tttccacagt ctatttagag tcattttttt ttttgcattt ttgcgctttt tgtggggaat	240
tttgctgttt aaaaaggccc ctaaccataa tgttcagttg ttacctaggg tccctaaagg	300
caagaaagct atgaagggcc ttactgagaa aatacctatg gaaaaagagg ttct	354

<210> 1850

<211> 324

<212> DNA

<213> Homo sapiens

<400> 1850

gctgggatta caggcatgag ccaccgcacc cggctgcttc caaattaatt tttgattatg	60
atcaaaagat tccaaagaat cgcttaagca taggagttca agaggctgca gtgggccaag	120
atcacaccac tgcactccag cctggggaca gagcaatacc ctgtctctaa aaaacaagaa	180
gattcctaca gagcatgaag tcaagcaagc ataacaaatt ggagaagctc aataacagca	240
aagtggggcc agccatccat atacattcat ttgctatgag gatgtctcag ccatagggac	300
cagacacacg agtcttccaa cagg	324

<210> 1851

<211> 364

<212> DNA

<213> Homo sapiens

<400> 1851

gggggccttc actccctgga gttccaaccg cagccatcct tgtccccaca acttctgcag	60
tgtcccaggg cttgcctcac tctaactcag ccactcaca cttatcacgt gacttcatcc	120
taaacaacaa taaccttgaa atctggaatc tgtcttggtc atgttcttac aaactcatgc	180
tgaaataaat gacagcagcc caggctggct gcagaggctc acacctgtaa tcccagcact	240
ttgagaggcc aaggcaggag gagttcaaga acacctatg cgagatccca tctctacaaa	300
aataaaaaat tagctggggc cgggcgcagt ggctcaggcc tgcaatccca agcactttgg	360
gagg	364

<210> 1852

<211> 324  
 <212> DNA  
 <213> Homo sapiens

<400> 1852  
 tattcccatt ttacagataa gaatcctgag gcttagagag ttcaagtgac ctacccaagg 60  
 gcacatcact gataaagggc agagggtgga ttcaaaccga catctgtcag gtgcaagtgc 120  
 aaggctcctt ctctcatgc tctactgcctg ctggggaata gggcactggg gacatacccc 180  
 agggagccct tctcatgtt ctgagtccca gttcatccca tgctgctatt ttgctctccc 240  
 aggagcatct ggactcccta gacagagccc cagcttctca cctgtccctc tctaaatgct 300  
 gctctgcagg cctgtgatcc tgga 324

<210> 1853  
 <211> 328  
 <212> DNA  
 <213> Homo sapiens

<400> 1853  
 ctaccctgcc ctgtctctaa acttttatta ttatccctac agaattgcat tcaaccttcg 60  
 ctcaaggcgg ggtgtggtgg atcacacctg tgatttcaac actctgtgag cctgaggcgg 120  
 aaggattgcc tgatgtcctg attctcactg tctgctggac aatatagcaa tactccctgt 180  
 gtcccagaag cccttcctca tgatctgagt ccccggtcat cccatgcttt tattttgctc 240  
 tgccgggagc atctcgactg cctaaacaga gcccacaact tctcacctgt ccctctctaa 300  
 atgctgctct gcaagcctga gatcctgg 328

<210> 1854  
 <211> 375  
 <212> DNA  
 <213> Homo sapiens

<400> 1854  
 gcttggtccc ctgcatcctc caccctcccg gttcaagcag atctctgctt cagcctcccg 60  
 aatagctggg attacaggcg cctgccaccg tgccctggcta attttttgta ttttttgtag 120  
 agacaggctt tcacctctt ggccaggctg gttttgaact cctgacctca taatacacc 180  
 accttggtcc tccatagagc tggaagaca ggctgacacc actgacctct gccaaaaaat 240  
 attcacttat cagcgctaa tgccatgcgg ctgttaatcc agctattctt gaggatttag 300  
 taccgggatt gcattgagcc caccggggtt agagctgatt aaccttgaca taatatcatg 360  
 gctctctaag gggggg 375

<210> 1855  
 <211> 346  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(346)  
 <223> n = A,T,C or G

<400> 1855  
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 tgtttttgtg agaccctctc agtccgttac ccaggctgga gtgcagaggc acaaccatga 120  
 ccatagctta cctatgggct cctaagctca agagatgctc ctgccttagc cacctaccca 180  
 ccaagtggct gggactacag gcatgcgcca ccaactcctg ataatttttag catttttttg 240  
 tggaaaagga gctgcatggt caggagcata ggctaaggcc tggcacccca acgcttttga 300  
 aggccaaggc agatagatca cctgaggtca ttagatgaag accaan 346



<210> 1856  
 <211> 343  
 <212> DNA  
 <213> Homo sapiens

<400> 1856  
 tgacagaagg gtaactgatt actgctcagc aaaaaatgat gcagaccaa agacaataag 60  
 aagaaatctt taaaatactg taagaaaatt actgttcacc tagaatttta taccagtta 120  
 atatatcctt caaaactgaa tgcaaatag agatgtattc agacaaaac caagaaaact 180  
 ttgcaactagc agaccaaaca tgcacagaat gagaaactaa aggaaattct tcaagtagaa 240  
 tgaaaataat gccaggtaaa acatgaaaat acaaaaggaa atgaacagtg acaaggataa 300  
 atgaatactg agtttacaaa cagtgaatgt aatgtcctgt ggg 343

<210> 1857  
 <211> 355  
 <212> DNA  
 <213> Homo sapiens

<400> 1857  
 aaggaacaaa agatatacaa gacaacagga aaacaacaaa atgggtggatg ttaagtcctc 60  
 acttatcaat aataaccttg gctgtaaaac gactaaattc ccaactgaaa agatatagac 120  
 tagctgaatg aattaaaaaa aaaaaaaaac ctagggtatat gctgcctaaa aaaaactctt 180  
 ttcccctaaa aagacccttt tgaaataaaa ataggggagg gaaaaaaaat ccttccaatg 240  
 ggaacccaaa agcaggggaa aatagctttc cttatttcag gtaaagcaaa ctttaaacca 300  
 aaaagaaaca gggttttttt catttcccca gaaaaatgta ccatttggtta acatc 355

<210> 1858  
 <211> 315  
 <212> DNA  
 <213> Homo sapiens

<400> 1858  
 ctgtaggaca atttaaaaag gtaaaatgta tgcataatag gaatccaaga cagaaaagaa 60  
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 gtgaaaatac tgtcaggcaa aaaggcatag ctgactggaa gctgaggctt gctgctgccc 180  
 agcatagcaa gagaagtatg gtttctactg aatgcatatt gcttttgcac cattgtaaag 240  
 ctgaaaaatc attaaaatag tagtcgaaga aaaaatggct gaaaactttt caacatttac 300  
 gacagacacc aaatg 315

<210> 1859  
 <211> 310  
 <212> DNA  
 <213> Homo sapiens

<400> 1859  
 tttttaagtg tacgatgaaa ttcacctgtg aagctacatt tgtctagagt tttctctggg 60  
 gagaagtgtt taaattatcg ctgagtttcg tatatagaat tctctctaatt tttatttctt 120  
 tagcctgttt tggtaggtta ttgttttccc agcatttgtc catttaattc aagtttgoga 180  
 atgtcttggc atcagattat tcacaatatc actttaccat tctaattgtc acagggggcat 240  
 tcccttttta ttccttacat tattttcttg gtgccttctc cctttgtttc ttttgattag 300  
 tctcaccagg 310

<210> 1860  
 <211> 400  
 <212> DNA  
 <213> Homo sapiens

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<400> 1860
cggtgctgtc gaacaactgc ctcaggatat actcttttta atcagtattg taactaacct      60
tggcttattt tacttttaga cttgggggttc tattttgctt taaaacatgt acatcagttt    120
tgttttttgt tttgatcttt tctttccttt tttttttttt ttttaaaaaa aagggatttc    180
cctttgcccc cccatttttt aaaagtgggg ggggccccaa ttttgcccta actgcagcct    240
tgacctttaa gcctaaggga accctcccc ctcaccctcc aatatagggg ggactatagg    300
acccccccc caccgggggt aaattttggt ttttcctgaa aaaccaaagt ttccccttgt    360
ggtgaagctg ggattgaacc cccggggaca aaccaccccg      400

```

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<210> 1861
<211> 360
<212> DNA
<213> Homo sapiens

```

```

<400> 1861
attccctatt agtatgacat ttacttttgg ttattagtag gtagtcatta acatgtttta      60
gagtttccgc tattcctgtt ttatagtgtt attgctagaa gtggttcctg aattttataa    120
aatgcctttt cagcatctat tgataaaatt gtatgatttt ttttctcttt aatttggtga    180
tgtaatgaat tagaatggta ggcatttgat gtggaaccaa acttgtattt ctggaacaaa    240
tactacttgg tcattgtgaa ataatgattt gctacatgag tggattttat ttaccagtat    300
ttaattttaga attattgcat tctcattcca aagtacaatt ggattttggc cctctgatgc    360

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<210> 1862
<211> 366
<212> DNA
<213> Homo sapiens

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```

<400> 1862
cacatacgca tacctaacac atgtgcacac acgatcctgt ccccatcttc ctctccctgg      60
atcctccgag catgcacact gacacagttg cacacatgca tgattgtgca tacacacacg    120
tattcacagg cacacatcca tacacaccta caagcacaga agcatgcaca caccacatgc    180
atgcatactc acacaaaagt gcaacgatgc atataccact tatatacaca ggcacacacc    240
cgtacacacc cacatgcaca catgctcgta cacaagtgca cacatgcata tgccatacaa    300
ttgtgcgtgc acacacacac atatatatac gaatatccca tgcacccaca tgcacacatg    360
ggtacg      366

```

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<210> 1863
<211> 394
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(394)
<223> n = A,T,C or G

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<400> 1863
ggcagcaggg cagtacatgt acgatgatta ggttgcagaa tacatcgatt gcatcagcaa      60
tgtggcgcac gttgggcact gccaccctct cgtggtccaa gcagcacatg agcagaacca    120
ggtgctcaac accaacagcc ggtacctgca tgacaacatc gtggactatg cgcagaggct    180
gtcagagacc ctgccggagc agctctgtgt gttctatttc ctgaattctg ggtcagaagc    240
caatgacctg gccctgaggc tggctcgcca ctacacggga caccaggacg tggtggtatt    300
agatcatgcy tatcacggcc acctgagctc cctgattgac atcagtcctt acaagttccg    360
caacctggat ggccagaagg agtgggtncg cggg      394

```

```

<210> 1864
<211> 235

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<212> DNA  
<213> Homo sapiens

<400> 1864  
agatggagag ggaaagcatt tggaagacag aaactgaata cacaaattgc aaatatttga 60  
aatgaacaag aggtcatttc ctacaaatta taaatgttaa aatgataagg gactattatg 120  
agcaaccata tgccaataaa tttgtcaatt tagctgtaat agaataattg gccgggcgcg 180  
gtggctcacg cctgtaatcc cagcactttg ggaggccgag gcgggcggat cacgg 235

<210> 1865  
<211> 235  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(235)  
<223> n = A,T,C or G

<400> 1865  
acgacagaag ggaccgcgcc cgcccgagag ttgactcttc agattcacaa ggtccacaga 60  
gaaacactca gagggaaaaat caaaccaaac ctannaaaaa aaaaaaaaaa aaaaaaaggg 120  
gggggggttt ttttcggaaa ccccaactgg gaaaaaacct ttgggggggtt gggggccacc 180  
cccctttggg ggggggggaaa aaaagggtttt ttttgggaaa tttggggggc ttttt 235

<210> 1866  
<211> 320  
<212> DNA  
<213> Homo sapiens

<400> 1866  
cggggattat aatattcaat caacgttatg aatgaaaagt gtattttgcc ttatactttc 60  
aacacacaac ttactaacct aatatattca cttattaatc agataatttt gtgttaaaac 120  
ttacaactct tattttcatt ggactttgat tgattaatta tacatttgac aaattaaaaat 180  
ctcaaacatt tatgcactgt tcacaaactt aaactgtctt aaacatataa agacacaaaa 240  
cttatatata tagcaaatat aattctctga aatttttggt ttgttttggt gagacagggt 300  
ottgctttgt caccagggcg 320

<210> 1867  
<211> 229  
<212> DNA  
<213> Homo sapiens

<400> 1867  
tacggccttt gcattttctg ttttctctgc ctggacgtgc tgtgcgccca tatactcact 60  
tggttaccc tcttgctcc ttcagggtcac tgctcaagtg tcttcttacc agagatgcct 120  
tccttgacta ctgtctataa aatagtaaag gcggccgggc gcggtggctc acgcctgtag 180  
tcccagcact ttgggaggcc aaggcgggtg gatcacgagg tcaggaaat 229

<210> 1868  
<211> 417  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(417)

<223> n = A,T,C or G

<400> 1868

gcctacgggt	ttcgttaaaa	cgacacaaaag	ggcgggatct	cggctcactg	caagctccgc	60
ctcccgggtt	cacgccattc	tactgcctca	gcctcccaag	tagctgggac	tacaggcgcc	120
cgccactacg	cccggctaata	tttttgtatt	tttagtagag	acgggggttc	accgttttag	180
ccgggatggg	ctcgatctcc	tgacctcgtg	atccgcccgc	ctcggcctcc	caaagagctg	240
ggattacagg	cgtgagccac	cacgcccggc	cggagtaatt	ttacaaaaga	gacttgtag	300
taactacctc	atccagggtta	tcaaattaac	atcaacagt	attaaagcca	ggtgataccc	360
tgtgcccggg	atattatgtg	atgagaatgg	cacatttcct	ttgagatctt	cctcccn	417

<210> 1869

<211> 342

<212> DNA

<213> Homo sapiens

<400> 1869

ggctaacttt	tttgtatttt	tagtagagat	ggggtttcac	tgtgttagcc	aggatgggtct	60
cgatctcctg	accttgtgat	ccacctgcct	cggcctccca	aagtgtctggg	attacaggca	120
tgagccacca	cacccgacct	cccttacatt	cttaaaaaatt	atggagaacc	ccaaagacct	180
ttgctttatg	tgggttctat	ctattaatat	ttaccaaatt	aatattaaag	ccgagagaaa	240
tttaagtatt	ttcttactaa	tttttaaaca	ataaatttta	atataatgaa	ccctttacaa	300
gctaaagtaa	gacggagtct	cgtctgtctg	cccaagctgg	aa		342

<210> 1870

<211> 353

<212> DNA

<213> Homo sapiens

<400> 1870

aatcttggct	cactgaaagc	tctgtcctct	gggttcaagt	gattcacatg	cctcaacccc	60
ccgcgccttg	cctcaaggta	gctgggatta	cgggcgcccc	acaccacacc	cagctaattt	120
ttgtattttt	agtacagatg	aggtctcacc	atgtcggta	tgtgtgtact	aaactcctga	180
actcatgcgt	ggaaactaat	ttaactttcc	tcttggtatga	cctttgggtt	tactaattat	240
attagcggca	tcatcacaaa	gctgttttta	tctttatgaa	aatttttagac	accatgtttc	300
tttaaaactcc	ttctacattg	gaggcatgag	gatacaatta	tccaaaaaat	ggt	353

<210> 1871

<211> 402

<212> DNA

<213> Homo sapiens

<400> 1871

cgttgctgtc	gttcaggggg	aaattgaaag	atatatat	tttagcattt	ttcaaaagg	60
gaaaaaagtc	caggtcagca	taagtcattt	tgtgtatttc	actgaagtta	taaggctttt	120
ataaatgttc	tttgaagggg	aaaaggcaca	agccaatttt	tcctatgatc	aaaaaattct	180
ttctttcctc	tgagtgaag	ttatctatat	ctgaggctaa	agtttacctt	gctttaataa	240
ataatttgcc	acatcattgc	agaagaggta	tcctcatgct	ggggttaata	gaatatgtca	300
gtttatcact	tgctcgttat	ttagctttta	aataaaaaat	aataggcaaa	gcaatggaat	360
atttgaggtt	tcacctaaag	aacagcataa	cgaagcggga	aa		402

<210> 1872

<211> 324

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(324)  
 <223> n = A,T,C or G

<400> 1872  
 gaagagagag aagagaatga gagagagaca gagaaggaga aagaaagaga ataaggggga 60  
 gacagagaca gagagaggaa gaaagacaga gaaggaggaa gagagaggaa gagaggcggg 120  
 aaggggggag agagaagaag agaagagag agagacagag agggaagaag gaagagaggg 180  
 aggaagagag aggaagagag gcaggaagag ggggagagag aacaccgatg aaganaggaa 240  
 taaaggaata gaggaaggga gaaagaaaga tctaggaaga gagaggagg aagactgaca 300  
 atatgacagc atgggcaaga gagt 324

<210> 1873  
 <211> 306  
 <212> DNA  
 <213> Homo sapiens

<400> 1873  
 cgccagccta gttttttatg tttagtagag acagggtttc gccatgctgc ccagggtggg 60  
 atcaaactcc tgagctcagg caatccacct gccttggect ccccatagtg ctaggattgc 120  
 aggcattgagc tactgtgccc agcctactgc tctttcttct gtttacagag gaactgcagg 180  
 tgctagggat acctggatga atgaaataga gccctgcccc acagtatttt gtggtctggg 240  
 ggcaatgacc gacctgttac agaggcactt taatagagac tgctatgtgt caaagcacag 300  
 ctgtgg 306

<210> 1874  
 <211> 282  
 <212> DNA  
 <213> Homo sapiens

<400> 1874  
 ggaatagctt cctatacccc caaagtccta ttcaggctctt ggggtacaca ctgcccagtg 60  
 ggcctctttc ttatcatctc agttagaatc cttttctccc tctatatatt ttgcaacttt 120  
 aacagttcag ttttttgcca atatattgaa catattttaaa gtatacaaat ttatcagttt 180  
 tgatatctgt aaacatccca tgaaactatc actacaatca agaaaaacat attcttagcc 240  
 aggtgtggta gctcacacag gtaatcccaa cactttatga gg 282

<210> 1875  
 <211> 305  
 <212> DNA  
 <213> Homo sapiens

<400> 1875  
 gatgctatgt aagacaacca ttgcagagac acaaagtaat cagattcttg aaggtaaatg 60  
 caaaagaaaa aaatatataa ggcagttaac gacaaggggc aggtcacata aagtggaaac 120  
 tacatcaaac tcacagggga actctcagca atatcccaca gtcagaagac attaagaatc 180  
 catattcagc atttttgaaa aaataaaaatt ttgaaccaag aattttatgt cccaccaaac 240  
 taagcttcat aaacaaggga gaaataaaaat ccatttcaga taagcaaaag ctaggggaat 300  
 ttatg 305

<210> 1876  
 <211> 365  
 <212> DNA  
 <213> Homo sapiens

<400> 1876  
 ttgaaaggat aaacaaaact gataaactgc tagtctaatac aagaaaaaaa aactccaata 60

aataaaatag	acaacaataa	agttacactg	caacttatac	aactgaaata	cagaagatca	120
taagggatta	ttatgagcaa	ctatatacta	acaaactgga	aacctagaag	aaatagataa	180
attcctggat	acatacaatc	taccaagatt	gaatcaggat	gaaacagtaa	atctgaaaag	240
accaataaag	agcagtaaga	ctgaataagt	aataaaacat	ctgccaaaca	agaaaagttg	300
aggacttaat	ggctccactg	ccaaattcta	tcaaattgggt	aaagaactaa	cccatatttc	360
cctaa						365

<210> 1877

<211> 146

<212> DNA

<213> Homo sapiens

<400> 1877

tgtcgcctgg	gagacgacga	ccgatggggc	tttgttggtg	agacaggggt	tctcattgcc	60
ctgggtgggc	tacatctcct	gatctctagc	taccacacctg	ccttgggctc	cccaagggct	120
ggggattccc	gattgaggcc	caccgg				146

<210> 1878

<211> 329

<212> DNA

<213> Homo sapiens

<400> 1878

cagtctctac	taaaagacag	aaacaatata	ctgccaaaat	gttaagttga	ccaccgtgaa	60
acttctctat	tggagtgtct	gtttctttta	gctgtgaata	ctgaaattat	gccttgtctc	120
ctccccaccc	caggggggatg	ccgtttttgca	gtgtggacac	gtgtttgaag	cagttactaa	180
actcgtcac	ctgggttaaga	aggagaacat	tgtcaatgtt	gttcaaggaa	ggtaggtggc	240
ttcatcttca	gctcaagaag	taattcaatg	ttaaaattgt	tattaaggcc	gaacgtgggtg	300
gctcatgcct	ataatcccg	gactttggg				329

<210> 1879

<211> 406

<212> DNA

<213> Homo sapiens

<400> 1879

cgttgctgtc	ggaaggagag	aagcgatatc	ttgatacatc	ctatgggtat	taaaaagcca	60
atagaatatt	atgaataatt	ttatgctaatt	aaatttaaca	acttcaacat	cataaacaaa	120
ttccttgaaa	aataaaaaagt	acaaaaattc	attcaagaag	aaatagatac	cagcctgagc	180
aacatggcaa	aatcccatct	ctacaaaaca	tcaaaaaaaa	aaaaaattag	tgggccgggg	240
gggggcaccc	ctgaaatccc	actttgtctg	gaggttaaag	gggaaggata	acttgacccc	300
aggggggtaa	gggatgcggg	ggcccttggt	ctccccctgg	ccttttacct	tgggggaaaa	360
aaaagaaacc	cccgtctcaa	aaaaaaaaaa	aagtgaataa	tttgga		406

<210> 1880

<211> 405

<212> DNA

<213> Homo sapiens

<400> 1880

gatcccatcg	attcgcattc	cgttgctgtc	ggagctcctt	atctgtctga	gaatggggac	60
cagctctgag	tggggttgct	gcctgtattc	cctgtttctc	aggaacttac	atgggtctgg	120
ggaggctagg	taggtgattg	tacgtggttg	ctcttctcct	tggctggggg	aggtaatgag	180
cagatctctg	tgggtgtgga	gcttggtggg	gggatgtcta	ggaagcttca	gcttagccac	240
attcccaagt	ttaggtgcac	tgagccatat	agccaagtgt	atgcatgtgt	gggtgtgttc	300
atgcacacac	acactctctc	tcttgtctct	ctgtctctct	ctcactctta	ctttcttact	360
ctcttctcag	gtcacttgta	cacttggttt	cctagtagaa	gctca		405

<210> 1881  
 <211> 348  
 <212> DNA  
 <213> Homo sapiens

<400> 1881							
aggtgatcca	cccacctcag	cctcccaaag	tgctagaatt	acaggcctga	gccaccatgc		60
ctggcaattt	ggtttctttc	aaaatagagc	ctgagataag	aattttgggt	gcaggtagtt		120
tatttgggag	tgatcccag	gaagcagaag	tgagcagaca	gagagaatga	gataaggaag		180
gaacaacagc	agtataagaa	tgctttctag	aggattcttc	tgagggcact	gtgagttaaa		240
ttctgccata	atctcttaag	aaccacagag	aggccaggcg	tggtggctca	ctcctgtaat		300
cccagcactt	tgggaggccg	aggcaggcgg	atcacgaggt	caggagag			348

<210> 1882  
 <211> 378  
 <212> DNA  
 <213> Homo sapiens

<400> 1882							
tactgctttt	agaaaacgac	agaaagggtcc	actaagggcg	ggatccatcc	actaaccaac		60
ccacccatcc	attcatcaat	tgtccatcta	ctacttcatc	caccaatctc	tccatccatc		120
cgtcttccat	ccattcacct	acctatztat	caatctatga	accagctcat	ctaccactct		180
ctccaccagc	ctaccagata	ttaacatatt	aactaatcca	tccaaccatc	tatacttcca		240
tcattcatcc	accaacccat	ccataatcct	tccatccatc	caccatctat	acatttccag		300
ccacttaacc	accaatgaac	ccattcacta	atccattaaa	ctattcatct	atgtatccct		360
ccaccaaccc	acccatcc						378

<210> 1883  
 <211> 341  
 <212> DNA  
 <213> Homo sapiens

<400> 1883							
agactcccaa	gtagctggga	ctacaggcac	agtcaccatg	cccggctaata	ttttgtattt		60
ttagtagaga	cagagtttca	ccatggttggc	caggctgggc	tcttgacctc	gtgatccgcc		120
agcctcagcc	tcccaaagtg	ctgggattac	aggcgtgagc	caccgctcct	ggcctattgg		180
tattttgggg	ggccaaggct	tggttttctg	cccaagctgg	agtggagtgc	gacactctgt		240
gctcactgca	gcttccgccc	actgtgttta	agatggacct	tgcgcctcac	cctgcccagt		300
aactggagac	tatttttgca	ttgcaagcga	gaccactgta	t			341

<210> 1884  
 <211> 358  
 <212> DNA  
 <213> Homo sapiens

<400> 1884							
cacatacaca	tacctcacac	atgtgcacac	acgaccctgt	cccatcttcc	ctctccctgg		60
ttcccccggtg	catgcacact	gacacagttg	cacacatgca	tgattgtgca	tacacacacg		120
tatccacagc	cacacatcca	tacacaccta	caagcacaga	agcatgcaca	caccacatgc		180
atgcatactc	acacaaaagt	gcacgcacgc	atataccact	tatatacaca	ggcacacacc		240
cgtacacacc	cacatgcaca	catgctcgta	cacaagtgc	cacatgcata	tgccatacaa		300
ttgtgcgtgc	acacacacac	atatatatata	aaatatccca	tgcacccaca	tgcacaca		358

<210> 1885  
 <211> 138  
 <212> DNA

<213> Homo sapiens

<400> 1885

ctgactggaa	ttaattaaac	taacctttct	ttgccttact	acgtgcttac	cacagtgaaa	60
gtaccctccc	tagccaggcg	gggtgactta	tgcttataat	cccatcactt	tgactgactg	120
aggcaggtga	atcacctg					138

<210> 1886

<211> 317

<212> DNA

<213> Homo sapiens

<400> 1886

agttgtttct	tttatcaaag	agaggtgcta	gaggcctctg	caaaaaaatt	ttcattttatg	60
tctcacatgg	ccacaccttg	gtatagagaa	aactgggaaa	gccaatccag	tacttagctt	120
tccaggctct	atgatggcaa	ttgtcaagga	gagggttaga	aatgtgtgtt	ggggcaggac	180
acggtggctc	atgtctgtaa	tcccagcgct	ttgggaggcc	aaggcaggtg	ggtcacctga	240
ggggaggagg	gtctcaatct	cttgacccta	tgatctgaca	ccttcggtct	cccaaagagc	300
taggactacg	ggcatgg					317

<210> 1887

<211> 81

<212> DNA

<213> Homo sapiens

<400> 1887

acgacagaag	ggtgcggctg	ctagaatacg	accgaggggt	catcttttaa	tagcaagaat	60
catatttttt	ttccagtacc	c				81

<210> 1888

<211> 386

<212> DNA

<213> Homo sapiens

<400> 1888

gagcaagact	ccatctcata	gggaaaaaaaa	aaaaaaaaaa	gccgggcccg	gggacttaaa	60
ccttgaatcc	caggcttttg	ggagggccgg	ggggggggta	caaaaggcca	ggaattcaaa	120
acccccccgg	tttttagggga	accccccttt	tttaaaaaaa	aacaaaaatt	aattgggggg	180
gggggggggc	ccctggaaac	ccaatttctt	gggggggttg	gggcaaaaaa	atctttaaac	240
cccagggggg	ggggttccaa	gagcccaaaa	ttccccccat	tgtccccaat	tggggggaaa	300
aaacaaaaat	tttttttaaa	aaaaaaaaaa	aaaaaaaaacc	gggggggggg	cggtttaaca	360
aaaaaagaaa	attccccacg	gcccgg				386

<210> 1889

<211> 122

<212> DNA

<213> Homo sapiens

<400> 1889

atcaactgct	atgacggttc	acaatgtcag	tataccagaa	ggaatagaaa	actgatactg	60
ttttaaataa	tctgtcattg	tacctttttt	tttttgctga	actacattct	atgggacgtg	120
gg						122

<210> 1890

<211> 383

<212> DNA

<213> Homo sapiens



<220>  
 <221> misc\_feature  
 <222> (1)...(383)  
 <223> n = A,T,C or G

<400> 1890  
 cggttgctgtc gaaggagaag aagatgatga tgatgatgaa gaggaggaag gattagaaga 60  
 tattgacgaa gaaggggatg aggatgaagg tgaagaagat gaagatgatg atgaagggga 120  
 ggaaggagag gaggatgaag gagaagatga ctaaatanaa cactgatgga ttccaacctt 180  
 ccttttttta aatttttctc agtccctggg agcaagttgc agtctttttt tttttttccc 240  
 ccttggtccc cccccccctt gttttggggg ccttttttct ttcccccggt ctccccattt 300  
 tttggggggg aaactccttg ggccccaccc cctggggaaa aaacctctcc cccttttttg 360  
 tcagaccca tctttttccc ccn 383

<210> 1891  
 <211> 335  
 <212> DNA  
 <213> Homo sapiens

<400> 1891  
 ggagatgctt ttccttctgc atgttaactc acaactcatt cctaatactg gtggctctaa 60  
 tccaactgac taaaatgctt ttctcccaa ggaactaacg tagttacttg agagaagagt 120  
 ttaatccagc ttctcctgcg tggcaaaggg ttttttttca tcagagggta gctgacttca 180  
 ataagggcat ttacaacatc ccaagggctt attttcattt aagaaatttg gccgggocgcg 240  
 gtggctcacg cctgtaatcc cagcactttg ggaggccgag gcgggtggat catgaggtca 300  
 ggtgatcgag accatcctgg ctaacaaggt gaaat 335

<210> 1892  
 <211> 337  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(337)  
 <223> n = A,T,C or G

<400> 1892  
 cggggacggc tccgagaaga ctacagatgg gaatagtatt ggtaaaaccg tgataaaatc 60  
 aaattgtttt ctgatagaat atcactttac catgtaatca atttatgaat cttctcccta 120  
 caacactatt taataattac tcttataaaa atatgctttg aagtatccaa acctaaagtt 180  
 aaaaatgagtc atggaattgt aatggcaata gaaaaattac aatcacatta tcagcaaaaag 240  
 ctgacagttt gactccctct ttaccaatct ggatgtccag acagtaactg ctgtcttcaa 300  
 gagactcacc taacacataa ggaatcacat aaacttn 337

<210> 1893  
 <211> 312  
 <212> DNA  
 <213> Homo sapiens

<400> 1893  
 gaaactgagt ctgagagaga caaggtaact ggctaataag ttcgaacact gtttttccca 60  
 agactatttg actcaaaata cagaggaagt ttggtgtgtg tgtgtgtgtg tgtgtgtgtg 120  
 tgtgtgtgtg cgcgctttca tatttactat atagtagagc tcttttaaata actctctgag 180  
 acagaatgaa aatatacacg tgttgggggt cgcgcagtgg ctcacgcaat tctcccctct 240  
 ctgtgggagg ccacgctggg tggatcacct ggggccgaga gtgagacacc actctggccc 300

312

<400>	1894						
aatgtaaaac	ataaaaaatat	aaaacttcca	gaaaacggca	caagagaaaa	tctagatgaa		60
tttggatttg	tcaatgactt	tttagatatg	gcacaaagg	caagatctag	gaaataaaaa		120
gttaataaaa	tggactttgt	taaaataaaa	actatatgct	acatgataga	cgtctagcga		180
atgaatagac	aaacacgggc	tgagagaaaa	tatttgtaaa	agatctactt	gataaaggac		240
tgttatgcaa	gtatataaag	aaccctaaaa	tctcaacagc	aaaaaaaaat	ctgattagaa		300
attgtgtcac	gaactttcac	aaacg					325

<400> 1895							
cgttgctgtc	gggcaaaact	caacagcccc	tggagctgcg	cttggtggtgg	agctggaccc		60
tgattttagc	tggaccttgt	ttttagagac	agggtttcct	tctgcagtct	caatctccta		120
gccttgattg	atcctcctgc	cttggcctcc	caaagtgctg	ggactacagg	tgcatgcaac		180
cacacctggc	taatttttct	ctcttctttc	ttttcttttt	tttttttttg	agggaaactt		240
gtttgggggg	ccaagtgggg	agaaaaaggg	gccattctgg	tttattggaa	ccttgccccc		300
cgggggtaaa	acaatttttc	gggctaaacc	ccccaaggag	gtgggaaaaa	ggggggggcc		360
caccgcgccq	ggataatttt	tgaattttta	agag				394

<400>	1896						
cagaccatttc	gtgacatgct	tggacttttt	ggtttgttct	gaacatcttt	ctttcttata		60
caaccactca	ttttattctt	ggtctaaatt	taccatacaa	gattattttt	catacaaaat		120
tattttctcat	ttgggcatag	tggctcatgc	ctgtaatccc	agcactttgg	gaggtcagg		180
ctagtatgtc	acctcaggtc	aggagttcga	gaccagcctg	gccaacatgg	caaaacccca		240
tctctacttt	aaatacaaaa	attagccggg	catggtggca	ggcacctatt	attccagcta		300
ctcaggaqgc	tgaggcagga	taatcacttg	aacctgctg				340

<400>	1897						
tcttcacctt	tgagacttca	aágataggcc	agatgttagga	acaaaacggc	tgattagaag		60
cagctgcagt	ccgcagcact	cacaaagaga	aatgaaaagg	ggtgagtgaa	ttcagcacct		120
tcaatggaaa	tatccatgtt	cttgcattgg	gaataactag	gtgaacaact	tgacccatgg		180
aaaataaaga	aaaggagggg	ggtgacaaac	cacccaggag	tggcacagag	cccaagggaac		240
caccacccca	agccaaggga	agtgggtgagt	gatagtgtga	ccccactctg	ttaccaatga		300
acaaqctaac	ctcatgatga	g					321

476

<212> DNA

<213> Homo sapiens

<400> 1898

gaaagttcag	catcacttat	tatttggcag	tgcctctcat	gcaatttaac	acatcaaata	60
aggctaatta	gtttaacttt	cctcttggtg	ccaggagaaa	aaattaattc	ttttgaccta	120
tttcatggg						129

<210> 1899

<211> 351

<212> DNA

<213> Homo sapiens

<400> 1899

ccagtgggtga	atgagacaga	cctattcctc	acctttgaga	cttcaaagat	aggccagatg	60
taggaacaaa	acggctgatt	agaagcagct	gcagtcgca	gcactcacia	agagaaatga	120
aaaggggtga	gtgaattcag	caccttcaat	ggaaatatcc	atgttcttgc	attgggaata	180
actaggtgaa	caacttgacc	catggaaaat	aaagaaaagg	aggggggtga	caaaccaccc	240
aggagtggca	cagagcccaa	ggaaccacca	ccccaaagcca	aggggaagtgg	tgagtgatag	300
tgtgacccca	ctctgttaca	aagtaacaag	ctaacctcat	gatgacagga	g	351

<210> 1900

<211> 138

<212> DNA

<213> Homo sapiens

<400> 1900

ggaagattta	gcattttttt	tcattgccct	ctcagtacct	aattctgtaa	atagaagttt	60
tttctgtgat	tttcttctaa	gagttttata	gttttagctc	ttaatgttta	ggtggttgat	120
cctcaaaagg	tattttatt					138

<210> 1901

<211> 334

<212> DNA

<213> Homo sapiens

<400> 1901

tatgcataag	acaaccatgg	tgcactgcag	ccactaactc	ctggcctcaa	gtgatcctca	60
cacctcagta	gtcccatagt	tgggactcta	gggtgtgcta	ccacacacga	cttaagattt	120
atatttttta	aaaaactgga	ggtataacta	tataaagtgc	aaaaatctta	catatacaac	180
ccaaatttag	acacatagaa	actatatgaa	tatatatgta	accattatca	atataaaata	240
tttttaaaat	aaaattaatt	caaaatatta	tattctaaca	cactgcctta	tggttagata	300
ccataaggca	tgtaaaaagt	tactacagat	aaag			334

<210> 1902

<211> 418

<212> DNA

<213> Homo sapiens

<400> 1902

cggtgctgtc	gaagaattag	aagagaatcc	agaaagcaca	gtctatgatg	attataaatt	60
tgtcaccaag	aaagaccttg	aaaatttagg	gtcaccacac	ctcattggat	ctcctttcct	120
ccgggcatat	atgcattggg	ttttcatgga	tataagactc	tatcacaagg	tgaaactgat	180
ggtaaatacca	tttgcttatg	aagaatatag	gaaagataaa	atacgacaga	aaatagaaga	240
aacacgtgca	cagagagtcc	agttaaagaa	attgccaaaa	gttaacaaag	agctggcact	300
taaattaatt	gaggagaag	aggagaagca	gaaatctaca	tggaaaaaga	aagttaagag	360
tcttcctaatt	attctcaccg	atgatcgatt	taaagttatg	tttgagaacc	ctgacttc	418

<210> 1903  
 <211> 444  
 <212> DNA  
 <213> Homo sapiens

<400> 1903  
 ggcaacgaggc cgcattggctt cggctctctc tgcgaccttc tggggccacg gggctcggtc 60  
 cctactgcag ttcttgcggc tggtagggca gctcaagaga gtcccacgaa ctggctgggt 120  
 atacagaaat gtccagaggc cggagagcgt ttcagatcac atgtaccgga tggcagttat 180  
 ggctatgggtg atcaaagatg accgtcttaa caaagaccga tgtgtacgcc tagccctggt 240  
 tcatgatatg gcagaatgca tcgttgggga catagcacca gcagataaca tcccaaaga 300  
 agaaaaacat aggcgagaag aggaagctat gaagcagata acccagctcc taccagagga 360  
 cctcagaaag gagctctatg aactttggga agagtacgag acccaatcta gtgcagaagc 420  
 caaatttgtg aagcagctag accg 444

<210> 1904  
 <211> 391  
 <212> DNA  
 <213> Homo sapiens

<400> 1904  
 accatgttag gcaggatggt ctcgaaactcc tgaccttggtg atccaccac ctcggcctcc 60  
 caaagtgtcg ggattacggg cgtgagccac cgcgccggc cctgacttc catccttaac 120  
 aggagaagct acaaacacac attgtaaaag tgcattgaata taaggagaag tgaggcatgg 180  
 tggccatctt tgccatctac cacattagta gaagagaaaa aataaaataa aataaaataa 240  
 taaaaaactt gatggatcct taaactgtaa gaaagaagga ataaatgaac cacagaatga 300  
 tgaaacaaat agaaaaacaa tagtaatatg gtagatgtca acccacatat atcagtaatt 360  
 acattaaatg tagatggact aaagtcaaag a 391

<210> 1905  
 <211> 344  
 <212> DNA  
 <213> Homo sapiens

<400> 1905  
 ctcacgcctg taatcccagc actttgggag gccaaagggtg gcagatcact tgaggtcagg 60  
 agttgagtcc agcctggcca acatgacgaa accccatctc taccaaaaaa taaaaaaatt 120  
 agatgggctt ggtggcatgt gccttgtagt ctcacatact tgggaggctg aagtgggaga 180  
 atcacttgag gccacaggaa gtgggggagt accactgcac tacagcctgg gggacagagt 240  
 gaaacccaaa aataaataga caatgatgct cagccatgac tgtttcaaca cagacatatt 300  
 tgctctttta agaaaaaaac cttcatgaa tattcatcct tttc 344

<210> 1906  
 <211> 263  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(263)  
 <223> n = A,T,C or G

<400> 1906  
 tcaatatctt tagccattag agaaatacaa attaaatgag atgccattcc acacctacta 60  
 gaataaatac aattaaaaat actcatcatc ttttgtgttg gtgatgattt agaacaactg 120  
 taattctcaa atactgatgg taggaaagta aaatgatata gccactctgg gaaaaaaaaa 180

atggactgtt	tcttacaaag	ttaaataagac	ccccatcatt	ttacctactt	attctactgt	240
tgctctttaa	gcagaaaaca	gan				263

<210> 1907  
 <211> 368  
 <212> DNA  
 <213> Homo sapiens

<400> 1907						
cacttaaaga	aatgagaaaa	agaattacaa	actaagccca	aaataagcat	ataaaggcaa	60
taataagact	agagtagaaa	taaataaaat	agagaattaa	aaaaaaaaaa	aaggcaaacc	120
gggaacgggg	ggaggggggt	aatttttgaa	ttcccaccat	tttgggaggc	caaggaaggc	180
ggacaacaag	gccccaaaaat	caaaaccttc	cttgccaaca	ggaagaaccc	ctttctttat	240
taaaaaaaaa	aaaataactt	ggccccgggg	gggcaggctt	gaagggccac	ttactcgggg	300
ggctgaaaca	gaaaatttgt	tggaacccaa	aagggggggg	tggagggggc	ctaattggggg	360
caatggag						368

<210> 1908  
 <211> 408  
 <212> DNA  
 <213> Homo sapiens

<400> 1908						
cgttgctgtc	gcctgttcaa	cctcagcaag	gttatattcc	tccaatggca	cagccaggac	60
tgccaccagt	accaggagca	ccaggaatgc	ctccaggcat	acctccatta	atgccagggtg	120
ttcctcctct	gatgccagga	atgccaccag	ttatgccagg	catgccacct	ggattgcatc	180
atcagagaaa	atacaccag	tcattttgcg	gtgaaaacat	aatgatgccca	atgggtggaa	240
tgatgccacc	tggaccagga	ataccacctc	tgatgcctgg	aatgccacca	ggtatgcccc	300
cacctgttcc	acgtcctgga	attcctccaa	tgactcaagc	acaggctgtt	tcagcgccag	360
gtattcttaa	tagaccacct	gcaccaacag	caactgtacc	tgccccac		408

<210> 1909  
 <211> 311  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(311)  
 <223> n = A,T,C or G

<400> 1909						
caacacgaga	agtaatgcag	gtactttaag	gagctaagag	ggaaacagaa	atctcagccc	60
tataacaagg	aactgtatga	gcatagaaac	attctcctcc	tccccagta	actttatcaa	120
aactcttaaa	aatttcccct	ctttggcaca	aacatatgga	cacctttctc	actccagagt	180
aaaggaatga	tgtactaaaa	tgaaggattt	ataccgggtg	gggtgggtca	tgctgtaat	240
cactttgaga	ggctcagggtg	ggcggattgc	ttgagctcag	gagatcgatc	agcctgggca	300
acatggtgaa	n					311

<210> 1910  
 <211> 324  
 <212> DNA  
 <213> Homo sapiens

<400> 1910						
agataaaaaat	taaaacataa	aattaaaaaa	tttttgaaaa	cgatgttttc	agacatacaa	60
aactgaaagg	aatcatcacc	agtagacctg	cactacaaga	actgttaaag	gaaattcttc	120

aggcagaaaag	gtaattgtac	caaataaaaa	tatgatccca	caagagaaaag	aaagagcatc	180
caaatcggta	aagaggaagt	catactgtca	ctgtttgccg	atgatatgat	ctttgacaaa	240
gcaaacaaaa	acataaagtg	gggaaagcac	accctattca	acaaatgggtg	ctgggataat	300
tggcaagcca	catgtaggag	aatg				324

<210> 1911  
 <211> 364  
 <212> DNA  
 <213> Homo sapiens

<400> 1911						
gttgatggga	atgtgaaata	gacatcctat	ctaaagggca	tcttgagtat	atctaaatct	60
aaaacacacg	taccgtttga	cctaataatc	ccactttttt	ttttcttttg	agactgagtc	120
tcactctgtg	gcccaggcta	aagggcagca	gcttaatctc	ggctcactgc	aacctctgcc	180
tcctgggatc	aagagattct	ctgggcctca	accttccaag	gagctggaat	tacagaggcc	240
cgcctcccca	ccogactgat	ttttggatct	ttagttaaaca	ccttttggac	acctggaaat	300
ccaacgcaaa	cgtcatatat	ttatatccac	tctttcacaa	aaacttttct	ttcttttttg	360
ttgg						364

<210> 1912  
 <211> 382  
 <212> DNA  
 <213> Homo sapiens

<400> 1912						
cgttgctgtc	ggggcattat	aagtaattaa	agatgattta	agtatatgga	aagatgtata	60
taggttatat	gcaagtactg	tgccatttta	tataaagcac	ttgaacatca	cagatttttg	120
tatcaatgag	gggtgctgaa	accaattgcc	catggatacc	aagagacagc	tatatttgtt	180
tcaatgtgtc	cctctccttc	taaactcagt	tcttaagcat	atagtatctt	tatagctata	240
cacctagtgt	ctatcagacc	ctaaactatg	gtaggccctc	aatacatttt	attgttatag	300
gtagatagat	aggcatgagt	agggcaggag	agggctctcc	ctccaccac	tagaaatgtc	360
aagtgatgtt	ttaaaaattg	tg				382

<210> 1913  
 <211> 351  
 <212> DNA  
 <213> Homo sapiens

<400> 1913						
aaccaatgtt	tccaactgca	tcctgttata	aagagagagc	aaattttatt	aaacttatgt	60
aaataattct	tgccataaaa	aataagaata	ctcatggata	gtttctgaat	tttagaggaa	120
tcaaataggg	acaaaaaaaa	tgtttccacc	ttgttcaca	aagtatacca	aattactgta	180
aactaataag	tagcttaaga	gaaagaaaag	gtttccttaa	agctagaaaa	caaaatattt	240
aaataaagaa	cctggctagg	catggtggct	catgcctgta	atcccagcac	tttgggaggc	300
cgaggtgagc	aatcacctg	aggtcagggg	ttcgagacca	gcctggccaa	c	351

<210> 1914  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(394)  
 <223> n = A,T,C or G

<400> 1914

ttttgccttc	agaagcttcc	ctgaaaatca	cgaataggag	gcagataaat	agtagaaaag	60
gcatacaggt	ttctgcaatg	tgtgtacacc	ggagacgtta	gaactaagac	ccagacacac	120
gatgcgtgca	gaagcttata	taccacatga	agtttacaga	aagaatgggg	tcttggatca	180
cagggaaaaa	ataaagggtta	tgtgagaaaa	cgacctgggc	tagcaacagt	ggacttattg	240
cataggtgga	atctcactag	gagcagtcct	cagagagaat	aaacagaana	tgtttctttc	300
agacctttgg	agacctcaga	ctctcattta	agctttccta	gatccagaca	aaggggcaga	360
cctcagagaa	agcctggctg	catcaaggca	gatn			394

<210> 1915  
 <211> 369  
 <212> DNA  
 <213> Homo sapiens

tacggctgct	agaagactac	agaagggtac	ggctgctaga	agaccacaga	agggaaatgat	60
attattagat	cactgaagca	gaaaatttagc	aaagatatatt	aggacctgaa	atcagcactg	120
aaatcagaca	gaaaacactc	ctcaacaaat	gcaaaaaaaa	aaaaaaaacc	ggaattttta	180
acacctcttt	taaaaccaca	ccccattcaa	tttaaaactc	aaaacggaca	agccctttta	240
aaatcttccc	tttaaaaaaa	tttggaaaaa	ctggctcctg	aaggacttgg	ggaaaatatg	300
gattttaagg	caaaatccaa	aaattttttt	gaatttatta	aaaataaggg	gccaaacttca	360
caaaatttt						369

<210> 1916  
 <211> 363  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(363)  
 <223> n = A,T,C or G

cggttgcata	ggcaaaggga	gattaaaaaa	caatctgctc	attgctcctg	agctattgga	60
attttctcct	taactaaggt	atgagctcct	ggagctctta	aatgtctatg	ccaaggctctc	120
agccagaag	ccacagctac	aatccggcct	ggagataggt	gtggntttga	cgtgcacact	180
gtacaaacaa	aacaatatcc	attgtttcaa	agatcagatt	tcacataaaa	atgtggatta	240
tcacaatttc	ttttctttgc	ttttaacttt	tagagacagg	cttgatatgt	tgctcacgct	300
gatcttgaaa	tcctgggctc	tagtgatcct	tctgctttat	cctcccaagc	aggtttggtt	360
tac						363

<210> 1917  
 <211> 311  
 <212> DNA  
 <213> Homo sapiens

atacacatga	catttttttt	tctttttttt	ttttttgggg	ggggaatcct	ccttttgccc	60
ccaagctgga	gggaaagggg	cccaattcgg	tttaacttcca	ggccccctt	ccgggtttta	120
cacatttttc	tggctaaacc	ctccaatgga	gcggaataaa	ggggcccccg	caccaacccc	180
aagatatttt	ttaaaaattt	taaaaaaaaa	aggggtttac	cccgtttaac	ccgggagggg	240
tagactctcg	gaaccaggga	attaccccc	ttggcccccc	aaaggggggg	gaatcacgga	300
ttagccccct	t					311

<210> 1918  
 <211> 319  
 <212> DNA

<213> Homo sapiens

<400> 1918

gaagacttac	ttaccctaag	tatatatgca	cccaacattg	gagctcccag	gtttataaaa	60
caattacttc	taaaccacagg	aagagactta	gtcacacaac	aacagtgagg	aacttcaata	120
ccccactgac	agcatttagac	agatcatcaa	gttataaaaac	taacaaagaa	attctggact	180
taaaaattga	acacttaacc	aataggacct	tataaatata	ttaagaatat	ttcaccccaa	240
caccacagaa	tataaaataa	tcttatctgc	acatgaaaac	gactctaaga	tcaaccacat	300
aatcattcat	aaaaaaggc					319

<210> 1919

<211> 405

<212> DNA

<213> Homo sapiens

<400> 1919

cggtgctgtc	ggaacagaat	agagagcccc	aaaataggct	tacatgaata	tggcccactc	60
tctctgacaa	aagaacatga	cagttcaagg	gaggaaggat	aatcttttca	gcaagtggcg	120
ctggaataat	gggacatcga	catgcaaaaa	aaaagaatct	agacccatcc	ttacccctta	180
acttaaaatg	ttaaaataga	ttcttttttc	cttcgacctc	gagcccttga	caaaatggat	240
cttaaaccta	aatgtaaaaac	ccaaacacta	taaaactcct	agaagacaac	ataggagAAC	300
atctagggtg	ccttgagttt	ggtgatgagg	ttttagatac	acaaaaagca	taatccatga	360
aagaaataaa	ttggacttaa	atgaatttaa	aacttctgga	agcag		405

<210> 1920

<211> 366

<212> DNA

<213> Homo sapiens

<400> 1920

gagtgtttgc	agagacgtga	agccaaaact	aatagaactg	aggaaaaata	gacaaattca	60
caatacagtt	ggagccttca	gaacttctcc	ctcagtaata	aatagaagta	gacagaaaaa	120
tagcaaggat	atagatgaag	tgaacatcac	catcaaccaa	ctgaaatgct	atagagcctc	180
acacccccaa	acagcacaat	acacattctt	ttaaaccaca	gatggaacat	tcaccagcac	240
agaccatatt	ctgaatcaga	aaacttaaat	ttataagaat	tgaaagcatg	caaagtatga	300
tctgacaata	atgaaatcga	catagagaaa	tgctagggtc	tgaggatgtg	agaagataca	360
gtctat						366

<210> 1921

<211> 248

<212> DNA

<213> Homo sapiens

<400> 1921

aagataaaat	ttgaaatctg	gttaggctgg	tgtaggggtt	ctttgttttt	gggggtttgga	60
agagatgtgt	taaatgttat	gttttttaaa	tagtattttt	gattattttg	tttgcattgt	120
gttaatttag	tttaattttg	gtgcggctct	ggcatattgt	catttttttc	ttatggttct	180
atggaagact	tgccattttt	tccaccgttt	gttggtaacg	ctctgggttg	tgttatccta	240
tgattcag						248

<210> 1922

<211> 354

<212> DNA

<213> Homo sapiens

<400> 1922

gtgggttggtt	aaaagggtat	tgtttcattt	tcacgtattt	gtgaatttgc	cagtatttct	60
-------------	------------	------------	------------	------------	------------	----



tctgttatta	atctctaggt	ttattccatt	gtaatcagaa	aaatggtttg	catgatttcg	120
gctttttaat	atgtattaag	acttgttttg	tagccaacat	atggcctatc	ctggagaatg	180
tttcatgtat	acttgaaaaa	aatttgttgt	tatacggagt	attctgttgg	ctctaattgg	240
ccttcaaacc	ctttgggttc	tgttgataat	atatctcagc	acactattca	taattggaag	300
tggtgtacta	aaatctccga	ctgtttatcc	tatgaaaaag	acactttcac	atgg	354

<210> 1923

<211> 347

<212> DNA

<213> Homo sapiens

<400> 1923

tgagtagcta	caaaagagac	cttatggcct	gcaaaggcta	acatatttac	tatctggccc	60
tgtacagaaa	aagtttactg	gccccctctc	taaggcatga	tttattattg	gatcgttccc	120
agcatggagc	acttcctgcc	cttgccctgct	tcagctcctc	ttcctaacac	tgctgtagaa	180
tagaggaac	tgagccatga	aaagactatt	tcaaagtctc	agagagagtg	ggattagagt	240
tccatagggc	ccctgagttc	gtgacattcc	cctcaagcct	ggggtgagat	gctggcgata	300
tccagccctt	agagaacaag	cgggtggaatg	gaagggagga	aatcat		347

<210> 1924

<211> 342

<212> DNA

<213> Homo sapiens

<400> 1924

tttgtgagtt	tttaatacaa	tatgtatgtc	attgttcttc	atctttattta	tgcctaaatg	60
cgtcttgtct	tcacacatag	aaaattttgt	cattgatattt	tttttcactt	tagtttagaa	120
gaaataaaat	tccttataag	aaattgttgg	ccaggtgtac	tggtcacgc	ctgtaatccc	180
agcactttgg	gaggctgaga	tgggaggatc	ctttgaactc	aggagttcaa	gaccagcctg	240
gataacatag	tgagatccct	tctctatcaa	aaatacaaaa	aattatccag	gtgtggtggg	300
acgtgcctgt	agtcccagct	gctcaagagg	cgggaagtagg	ac		342

<210> 1925

<211> 313

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(313)

<223> n = A,T,C or G

<400> 1925

aggggctgga	ttgattgata	tatggaaatg	taatcacagt	tttccaggaa	cccaaattctt	60
tatctcccct	aggagcagcg	tttcagaatt	cacaaataaa	gtgcttgagg	tgactttata	120
gaacataact	attgcatata	acaagacctc	aatgcattcc	tttctaaatg	gaaatctaaa	180
cacagagttt	gaaaatttag	gtaacactaa	attccccttt	cttgacttcc	ataagtaacg	240
aagtatgagg	aaattataaa	aggtgtaaaa	gtgggttttg	cattgtgcta	ccaatgctaa	300
tggaagatg	acn					313

<210> 1926

<211> 360

<212> DNA

<213> Homo sapiens

<400> 1926

gtgggcaaaa	ggtggttagca	tttcccttga	gaatcagaag	aagacaatga	tgcccactct	60
------------	-------------	------------	------------	------------	------------	----

caccactcct	gtccaaaata	gtattggaac	cctagccaaa	gaaaccaggt	aagagaaaaga	120
aataaaaaggc	atccaaagag	aagagaggaa	atcaaactat	ctctgggtgc	agatgatatg	180
attctatacc	tagaaaatca	atcatctctg	tctgaaagcc	ccttgatctg	atttaaaaaa	240
aaaacttcag	cagaatttca	agatacaaaa	ataatgtaca	aaatcagtag	cattctcata	300
caccaacaac	atccaagctg	agagtcaaat	caataatgta	atcccattca	caatagccac	360

<210> 1927

<211> 316

<212> DNA

<213> Homo sapiens

<400> 1927

cagcacatga	aaggattata	caccatgata	aagtagaatt	tatctctagg	atgcatagat	60
atttcaacat	aatcaatcaa	tgtgactcac	tacattaaca	gacaacatga	taatcccaat	120
atattcgaaa	aaagtatttg	acaaaattcc	acataggctc	atgggtttaa	aaaaaatcct	180
tcaacaaaaa	agataaaagaa	caaacttact	gcaacacaat	aaagaccact	tatgaaaagc	240
tcacagccaa	catcataatc	agtgaggtaa	acgtttttcc	tctgagatct	agtacaagat	300
gatgttgccc	actctc					316

<210> 1928

<211> 361

<212> DNA

<213> Homo sapiens

<400> 1928

gagttggaga	agggggagcc	ctcatgaact	ggctgctatg	aatacaaaaat	gatgcccttg	60
ctgcagaaaa	caatttggtt	gttcctcaca	gaatgagcat	tgggtgaaaa	atgaaatcaa	120
gatggaaatg	taaaaaat	cttcgaactg	gatgacacaa	cctatcaaga	cctttgggat	180
acagcatagg	cactgctaag	agcaaaacttt	gtagtcctaa	aaacctacga	caaaaagtct	240
gaaagagcac	aaatagacaa	tctaagttca	cttctcaggg	aactagagaa	acaggaacaa	300
gccataccca	atcccatcat	acacaggaaa	tacccaagat	cagagccgaa	ctaaatgaaa	360
t						361

<210> 1929

<211> 358

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(358)

<223> n = A,T,C or G

<400> 1929

gccatcatat	gttctcattt	atttgtggga	tctaaaaatc	aaaacaattc	aactcatgga	60
gatagagagt	acaagatggg	taccagagac	tgggaagagt	agtggggaaa	ttgggggagg	120
tgtgggaggt	ttttttntnt	tnttnttnt	ggttgacgag	aagaccttat	ggagcgttta	180
attattattg	caaggggtac	ctaaaaaccg	ataggggttt	aaggaacctg	cctgggggta	240
atattttcca	ttaggcgata	ttctgtgggg	aacccccact	tccgagcagt	catggcctta	300
attccccaat	gtaaggcgaa	cttctattcc	tttattgggtc	ggaaaaaatt	ggtcgacg	358

<210> 1930

<211> 338

<212> DNA

<213> Homo sapiens

<400> 1930

gttatgctat	atggcaaggg	agaattacag	ttgcagatgg	aattaatgtt	gctaatacagt	60
tgaccataaa	atagggagac	cataatatgg	tcaataggag	tttaccataa	agctagggtt	120
tgtagttggg	agggaggggtg	tagtgtattc	agaaatatcc	tggccgggca	cggtgggtca	180
cacctgtaat	ctcagcactt	tgggaggcca	aggcaggcag	atcatgaggt	caagagttag	240
agaccagcct	gaccaacacg	gtaaaacccc	atctctacta	aaaatacata	agttagccag	300
gtgtgggtgt	gcacgcctgt	aatcccagct	actcagga			338

<210> 1931  
 <211> 310  
 <212> DNA  
 <213> Homo sapiens

<400> 1931						
agaatcgctt	gaacctggga	ggtggtggag	gttgtagtga	cccaggatca	tgccattgta	60
ctccagccta	ggtgacaaga	gcgaggctcc	atctcaaaaa	aaaaaaaaaa	aaaaaccaa	120
cccttttgct	tttggttggt	tttgaaaaaa	agtttaattt	tgtccccag	cctaaagggc	180
agggccggga	tgtggcctaa	ttgaaatttg	aactccgggc	ctaaggggat	ccaccacct	240
aacctccaa	aagggtctgg	tttatgggct	tgaccattg	acccagctg	gaaaccttta	300
actttttaat						310

<210> 1932  
 <211> 342  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(342)  
 <223> n = A,T,C or G

<400> 1932						
agagggcagg	gcttacaggg	ctgtcacccct	tattctccgc	tgagctgttt	taacacgtag	60
ccatccgcag	atggcagctt	ctaaaagagc	attaattgta	acagaccccc	agacactacc	120
atggggccag	agcccaaaag	tgctcacccc	agctcctaca	cctgccccctg	cccattctgcg	180
tgctctccct	cccataaggg	gttttgagcac	gtgtcggcca	agcaaacgag	cttcacccct	240
gtcacaagtc	ctgagaggag	tcagggaact	ctcccatttc	attctgacac	aggtgggact	300
cagcattctc	agaccttcaa	aggcctgttg	ggtggatgtg	gn		342

<210> 1933  
 <211> 283  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(283)  
 <223> n = A,T,C or G

<400> 1933						
atcaatgaag	gattgataaa	agttctcctg	gtgtctccgc	agagtgcctt	ccaggaacag	60
atctttgcat	agaatatcag	tggtttcctt	ttttgtttca	aatagtggtc	agaaaatacc	120
cagtgttgac	tcaccaaggc	aatcagcttc	ctttttccct	ttttttgttt	ttttttaaca	180
ttttatattt	ttgctttatt	ttattttatt	ttattttatt	ttattttatt	ttattttatt	240
ttttgagacg	gagttccact	ctgtcgccag	actggagtga	agn		283

<210> 1934  
 <211> 383

<212> DNA  
<213> Homo sapiens

<400> 1934  
cggtgctgtc gcaaatttct tcttgetcag accatagtcc taattactta agaaaacccc 60  
ttctaactgt gtggatcttt taacgtatgg tgcacatgag tgcattggaaa tgagagaacc 120  
tgggtgacag agtgaggcac tgtctccaaa aaaaaaaggg aaaaaaaaaa aatttttttt 180  
ggcttggatg aagggggggc taacctttta tccccaccct ttgggaaatt tgaggttggg 240  
ggatcatttg acctcaggag ttggaaccca ccctgggcaa cacagggaaa cccattcttt 300  
acaaaccttt aaaaaaaaaa gggccggggc ggggggttaa cccttgatt tccagccttt 360  
gggaaggcca aggcggccgg ttt 383

<210> 1935  
<211> 317  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(317)  
<223> n = A,T,C or G

<400> 1935  
tgtcaccagc ggactcatga tgacatcaaa gactataaca atgacaacct ccacagactc 60  
cactcttgga aacacagaag agacatcaac agcaggaact gaaagttcta cccagtgac 120  
ctcagcagtc tcaataacag ctggacagga aggacaatca cgaacaactt cctggaggac 180  
ctctatccaa gacacatcag cttcttctca gaaccactgg actcggagca cgcagaccac 240  
caggaatct caaaccagca ccctaacaca cagaaccact tcaactcctt ctttctctcc 300  
aagtgtacac aatgtgn 317

<210> 1936  
<211> 320  
<212> DNA  
<213> Homo sapiens

<400> 1936  
tgtcaccaac acactcatga tgacatcaaa gactataaca atgacaacct ccacagactc 60  
cactcttgga aacacagaag agacatcaac agcaggaact gaaagttcta cccagtgac 120  
ctcagcagtc tcaataacag ctggacagga aggacaatca cgaacaactt cctggaggac 180  
ctctatccaa gacacatcag cttcttctca gaaccactgg actcggagca cgcagaccac 240  
caggaatct caaaccagca ccctaacaca cagaaccact tcaactcctt ctttctctcc 300  
aagtgtacac aatgtgacag 320

<210> 1937  
<211> 386  
<212> DNA  
<213> Homo sapiens

<400> 1937  
cggtgctgtc ggttaagctg tctcagaaag aattgcttgg tccaccagag gcaaagagag 60  
cccgaggccc tgaggaagag gagattggga gccctgagcc catggcagct ccagcctctg 120  
cctcccagaa actcagcccc ctacagaagc taagcagcat ggacccggcc atgctggagc 180  
gcctcctcag cttggaccgt ctgcttgccct cccaggggag ccagggggcc cctctgttga 240  
gtacccccaaa gcgagagcgg atggtgctaa tgaagacagt agaagagaag gacctagaga 300  
ttgagaggct taagacgaag caaaaagaac tggaggccaa gatgttggcc cagaaggctg 360  
aggaaaagga gaaccattgt cccaca 386

<210> 1938  
 <211> 349  
 <212> DNA  
 <213> Homo sapiens

<400> 1938  
 gtctacatat acacatatgt ctatacttgt gtttggatat tgtctacatg gtaccaaatt 60  
 gccgtaacaa taaatgagta atcaaaaatt aaataaataa gcccataat ttttcaagtt 120  
 cttgtgactt gagtaaatct tttggtaaat atgagtagct taatatagtt ggtttaataa 180  
 aaacaaatgt cttttgactt atcagcaaaa tatgcatgta tttaatgtta aggtgattgc 240  
 ttttatgata ctttagataac atatgataat attaatagca aaatggttta tacaaaattt 300  
 aagctgagat gatggctaga tttgtctaac ggctcatgaa atttttcca 349

<210> 1939  
 <211> 341  
 <212> DNA  
 <213> Homo sapiens

<400> 1939  
 gaataactcg gaataaaactt tgcaaaaacta tttgtaaagt actataagga attctgagaa 60  
 gttactataa gatagaaaag aatataggag catgcccaag ccatatataat gatgtttcac 120  
 gtaatatgct tggtagactt gtaaaaatatt ttagatgtgg tgtaggaata aatctttgat 180  
 gtaatttgtt tttttgtata tgtatatgat tttgaaattt gagacagaag ctataccatg 240  
 aaccaggctg gaatgcgatg gaaccatctt ggctcactgt tgccctgcagc tacctgggtc 300  
 aagtgattct tctttttttt gccttccatg gagcatgaga t 341

<210> 1940  
 <211> 342  
 <212> DNA  
 <213> Homo sapiens

<400> 1940  
 ccctcccacc ctctgttttt ttcttcttct tctctctctt tttttttttt ttaaaaaaaaa 60  
 gggggcctct ggcgggggtg ccaggcgagg ccaacatccc aaattcccaa attcccccg 120  
 gcctaagggg atcctctaac ctaagccgcc ctttccaatt ttgacccac cccagtaaa 180  
 aataacttgt ttggcccgcc cagggggggt caggacggaa accccaccat ttgggggggc 240  
 cgggggggga aaaccactgg accccaggag tttggggcca cccgggcca cagggggaga 300  
 cggcctctcc taaaatccaa aaatttcccc gggggggggg gg 342

<210> 1941  
 <211> 311  
 <212> DNA  
 <213> Homo sapiens

<400> 1941  
 cctgtggtgt tattgtatac acacatatat atatatgatt ttgtgcatgg ttctgggtc 60  
 aaactcccat ggcggttgtc ttttgttaga acagtctttt attagaacag tctagtaaaa 120  
 cagttctaac agtcttttgt tagaactctg ggtgtgttag gcctcaagaa acggaccctc 180  
 tccagcctta ttttggccta gtttcacctg cccaaaggca ggtctctaatt cttccctgc 240  
 ctttttgaat gcggttcata agactgtacc cagaggccga acgcggtggc tcatgcctgt 300  
 aaacctagca c 311

<210> 1942  
 <211> 327  
 <212> DNA  
 <213> Homo sapiens

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<400> 1942
gattataatc aagtgtaggc ttcttgaatt ttgacatcct tttagaactt gggctctggaa      60
ttccagaaat gttaattgct gcttgtatct gttcttgttt gtttttttagc cagtatttgc      120
cctttctatc cagccttatg aataatagca gtaaaatcac agtatcttgg tcagtcttta      180
ttttttcctt ttttcttttt taagagacag tcatccaggc cagagtgcag tttgatgata      240
gcttgctgaa gcttcccact cctgggctca agttatcctt ccattttggc ctcttgagta      300
gctagaccat aggtatgcat caccaca                                327

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<210> 1943
<211> 325
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(325)
<223> n = A,T,C or G

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<400> 1943
cggtaaggag ttttcccact tgaaataaaa aaatgctaga cagcaacatg atggcataga      60
aaagtatgaa actcattggt aaatacaaat atatagacaa atactgaata ttactgtaat      120
gatggagggt aacacacttt taattcaact gtacatgtta aaagacaaaa ttagttaaaa      180
taactataaa taaatatatg gtaaaagata taccatatga ataaatgaac atagtgccaa      240
caataatata aagtgtaggg agaaaataag ttagagttac tggatacaat tgaacataag      300
ctgttatctg ctttaataag actan                                325

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<210> 1944
<211> 322
<212> DNA
<213> Homo sapiens

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```

<400> 1944
attccttatt tgaaaaagag caaagttgct catatcctca atatcagtc accactgaac      60
ctaaatccag tttggttcaa acagcactgt gcttatacca ttgctaagta tggatgtct      120
atgtatgtgc ttggaatggc agaagaattt aaaggtgaaa ttgcagtcaa tgcattatgg      180
cctaaaaacag ccatacacac tgctgctatg gatatgctgg gaggacctgg tatcgaaagc      240
cagtgtagaa aagttgatat cattgcagat gcagcatatt ccattttcca aaagccgaaa      300
agttttactg gcaactttgt ca                                322

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<210> 1945
<211> 330
<212> DNA
<213> Homo sapiens

```

```

<400> 1945
ggctcaagag gaatgctcca ggaaagggat agtggatgaa ttcttcccg tgttgtcaaa      60
ctaattgtata tggactcaac cacaggggata tcccagagc tccataggaa cactagcaaa      120
ttttgtgttt ttgttcagtc cgacatgggc tggccctcat cttgcagctc tgtaattttt      180
caatttacac ccaacaaatg aacttgagca ttgccatccc agctatggtg aacaacacag      240
ccccacctag ccagcccaat gcctccacag aacggccctc cactgactcc cagggctact      300
ggaatgaaac tctaaaagaa tttaaagcaa                                330

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<210> 1946
<211> 384
<212> DNA
<213> Homo sapiens

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<220>  
 <221> misc\_feature  
 <222> (1)...(384)  
 <223> n = A,T,C or G

<400> 1946  
 tacgggtttcg agttgacgac agaaggggctt aaagacaagg atacttttcca agaaatgctt 60  
 ccttacacaa ttttggcatt gtgtgaacat cgaacagtgt gttgacgtaa acctacatgg 120  
 tatagcgtac tgtatagtat agatagccca ggggttcctt atctctcagc cacggatatca 180  
 gtccatcacc tgtaagaac caggccacac agcagtaggt gatcagcggg caagctagca 240  
 gagcttcac tttatttgca gctgctccca ttgcttgcac taccgctga gctccacctc 300  
 ctgtcagatc agcggtagca ttagattctc ataggagcac aaaccctatt gttaactgag 360  
 catgggacgt atgtatggac atan 384

<210> 1947  
 <211> 361  
 <212> DNA  
 <213> Homo sapiens

<400> 1947  
 tcaaaagaaa gttgtaaccc tgtgatatga atccacacac cacagagcag tttcatggat 60  
 aactaaccac tttctagttt taactgggaa taccctttt ttcccttatt actcaatgaa 120  
 ctgcagaatg tccctttgca tattccaaaa agagtgttcc caacctgctg aaacaaaata 180  
 atactttaac tctctgagct gaatccacat atcacaaagg agtttctcag ataggatctt 240  
 tctagttttt ggctgaggat atttggtttt tctcatagg cctcagaggg ctcccaaagt 300  
 tctctcaca gattctaaca aaagagtgtt tcaaacttgc tgaatcaaaa gaacatttta 360  
 g 361

<210> 1948  
 <211> 393  
 <212> DNA  
 <213> Homo sapiens

<400> 1948  
 ggcacgaggt tgggttagaga cgggggtttta ttctgtttag ccaggatggt cttgatctcc 60  
 tgagctcgtg atccgccctc ccgcctcggc atctcaaagt gctgggatta caggcgtgag 120  
 ccacggcgcc cggacttcct tcttttttaa gcaaagcctg ttagaatggc ttggatctcg 180  
 aggtggcgctc ttaccgcacc tccgagggct ctgcagccgc tgcgggagaa tgaccctgtc 240  
 ggtatttttg aggtgcttt gagcgcgcc ccctgccaaag taccgggcca tcaaggccct 300  
 gatgcggcca gaccgcgcc tcaagagggc ggcgctggtg ctggtgctgg tgcagatgct 360  
 ggctgctgg ctggtgcgcg ggctggcctg acg 393

<210> 1949  
 <211> 317  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(317)  
 <223> n = A,T,C or G

<400> 1949  
 cagcacacca acatggcaca tgtatacata tgtaacaaac ctgcacgtta tgcacatgta 60  
 ccctagaacc taaagcataa taataaaaaa taaataaata aataaaaaaga aattaagcct 120  
 cctttttttt ttttttttta aaaaggattt ccacttttgt ggccaaggct gatggngtg 180  
 gncnnaaagc tatcataaac ttttagtcccc cttctcaact tgaatctttc cagaaaaaac 240

cactcccgt	tattacccga	aataggagaa	aaaagttcaa	tgggaaaaca	aagtggttct	300
ttattcctta	aaaagag					317

<210> 1950  
 <211> 350  
 <212> DNA  
 <213> Homo sapiens

<400> 1950						
aagggctctca	cctgccagag	atctgtgcaa	ttaaaaacac	ccacagctga	accgttcagg	60
ggctggcaat	tttttttttt	tttttttttt	aaaagggact	cgggttttgt	ggccaagggtg	120
ggggggaaaa	ggggcaattt	ttgttttttg	aacccttaac	ttccgggggt	aaaggaaggg	180
gccacttaa	gtttccgggg	aagttaaaac	aaagggggcca	cacaaaaaaa	tcgggcaaat	240
tttaaaattt	ttgggggaaa	cgggagtttc	gttttggttc	caaggtgggt	ttcaaattcg	300
gggggttaagg	gaaccctccg	gcttgggttt	ccaaaagggc	ggggataaaa		350

<210> 1951  
 <211> 415  
 <212> DNA  
 <213> Homo sapiens

<400> 1951						
ggcacgagga	agagcaaccg	agatgattgt	gaagatgctg	agccggaatc	cggacaatta	60
tgtccgcgaa	accaagttgg	acttacagag	agttccaaga	aactatgac	ctgctttaca	120
tccttttgag	gtcccaagag	aatatataag	agctttaaat	gctaccaaac	tggaacgagt	180
atttgcaaaa	ccattccttg	cttcgctgga	tggtcacoga	gatggagtca	attgcttggc	240
aaagcatcca	gagaagctgg	ctactgtcct	ttctggggcg	tgtgatggag	aggttaaaat	300
ttggaatcta	actcagcgga	attgtatccg	tacaatacaa	gcacatgaag	gctttgtacg	360
aggaatatgt	actctctttt	gtgggacttt	ctttttccac	tggtggggat	gacaa	415

<210> 1952  
 <211> 345  
 <212> DNA  
 <213> Homo sapiens

<400> 1952						
gatttgaaag	gaatgaggat	cctgcactct	tcctccctca	gtaagtaa	gccagtccct	60
aggaagagag	aacccaaatg	tctaccggac	cagatgtcaa	ggctacagt	ggggacattt	120
ccagtgatgg	caattttaa	gtggctcaag	aggaatgctc	caggaaaggt	ttttgttcag	180
tccgacatgg	gctggccctc	atcttgacgc	tctgtaattt	ttcaatttac	acccaacaaa	240
tgaacttgag	cattgccatc	ccagctatgg	tgaacaacac	agccccacct	agccagccca	300
atgcctccac	agaacggccc	tccactgact	cccagggcta	ctggg		345

<210> 1953  
 <211> 342  
 <212> DNA  
 <213> Homo sapiens

<400> 1953						
gccagtccct	aggaagagag	aacccaaatg	tctaccggac	cagatgtcaa	ggctacagt	60
ggggacattt	ccagtgatgg	caattttaa	gtggctcaag	aggaatgctc	caggaaaggt	120
ttttgttcag	tccgacatgg	gctggccctc	atcttgacgc	tctgtaattt	ttcaatttac	180
acccaacaaa	tgaacttgag	cattgccatc	ccagctatgg	tgaacaacac	agccccacct	240
agccagccca	atgcctccac	agaacggccc	tccactgact	cccagggcta	ctggaatgaa	300
actctaaaag	aatttataag	catggtaagt	taatgagact	ct		342

<210> 1954



<211> 330  
 <212> DNA  
 <213> Homo sapiens

<400> 1954  
 aggcgctgctg tgcaaatggc acacctgggc caaccaatct tttgtgccct atgtaaatca 60  
 gacaccgcct cctcaaactc atttataaaa cctgcatttc actgcagaag tggcaatcca 120  
 ttttctccag ggccccctctc tgttcagaga gctctttctt ttgcctgtta aacttctgct 180  
 ctgaacctca ttcttttgtgt gccggcgctcc tagttttccg tggccatgag accacgaatc 240  
 tcaggatattt accccagacc acagtgtctgc ttcattacca cgttcctgat tcctaaaggc 300  
 ccagggcaga ttgaacccta agttcagttt 330

<210> 1955  
 <211> 320  
 <212> DNA  
 <213> Homo sapiens

<400> 1955  
 caaaggcaaa gatgttacag aaaaagagaa gaatatagat ttatatacctt tatgaatatt 60  
 gatgcaaaga cgttcaacaa atactcacaa attgaattta acaatatatc aaaagattat 120  
 acatgatgat caaatgagat ttattcctgg aatgtatggc taattcaaca tacaaaaaaa 180  
 caataaatgt aatacaccac attaacaaaa taaaggatta aaaaaagacc atttcaaata 240  
 ctgcagaaaa agcttttgac aaaattcaac actcttgcac ggtaaaaaca gtcaacaaac 300  
 taggaatata aataatgtcc 320

<210> 1956  
 <211> 323  
 <212> DNA  
 <213> Homo sapiens

<400> 1956  
 ggctgctctc tggccactag agccaggcag tcacctagct gctgttatgc tgcataacctg 60  
 tctctgagta ctgccttcac ccatcggccca gggctgtgtg gacagaccag gcagggtggg 120  
 ccccatgtga ggaacgctgc aatggattgc aagggaaccc ctgaaaacaa atgtgaagtg 180  
 actgagcagt gttaacctta gaagactaga acctaattgag ttatggcaaa cagatgttat 240  
 gcacgtccct gaatttggaa aactaaaggc ctctttggat tccagcacga ggcacaaac 300  
 cataccatgg catgggtagg aac 323

<210> 1957  
 <211> 355  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(355)  
 <223> n = A,T,C or G

<400> 1957  
 gaaagaaaga agaaaagatc ttgtaaaagt tttcacccaa aacattttca ctttgccaca 60  
 actttcaaag ctacccttta tctactcttc acactccaaa taataactaac aactttaact 120  
 cgcagtaaag tatagcagga gtagtaacta ccatttatta aatgcttatt atgtatcaag 180  
 taccatgctg agttctttat gtcactctcat atatttattt tgagacaggg tctcactctg 240  
 tcaccaagc tagtagtgca caatcatggc tctactacagg cttgacctcc tgggcttaag 300  
 catcctccca cctcagcctc ccgagtanta anactacaga tatgtgccac cactg 355

<210> 1958

<211> 172  
 <212> DNA  
 <213> Homo sapiens

<400> 1958  
 caccatcaa gtcattatta ccctcaactgt cgacccaaca caggcatgct catgtgaaga 60  
 tgcgaaaaaa cgacagaaaag gaacggggggc gtttttttga tagatcgcaa cgggggagaa 120  
 acctttgggg gaggggggcc gcccccttt atgagggggg ggaaaaaatg gt 172

<210> 1959  
 <211> 344  
 <212> DNA  
 <213> Homo sapiens

<400> 1959  
 gaggtgccc agctactgag ggtctaagtc cgggcagccg aagagtgtgg ttagcaagat 60  
 gaacaaagat gcgcagatga gagcagcgat taaccaaag ttgatagaaa ctggagaaag 120  
 agaacgcctc aaagagttgc tgagagctaa attaatgaa tgtggctgga aggatcagtt 180  
 gaaggcacac tgtaaagagg taattaaaga aaaaggacta gaacacgtta ctgttgatga 240  
 cttggtggct gaaatcactc caaaaggcag agccctggtta cctgacagtg gaaagaagga 300  
 gtcctacaa agaataagaa catttcttgc ttaacatgcc agcc 344

<210> 1960  
 <211> 337  
 <212> DNA  
 <213> Homo sapiens

<400> 1960  
 gaaagaaaga agaaaagatc ttgtaaaagt ttccaccaa aacattttca ctttgccaca 60  
 actttcaaag ctacccttta tctactcttc acactccaaa taatactaac aactttaact 120  
 cgcagtaaag tatagcagga gtagtaacta ccatttatta aatgcttatt atgtatcaag 180  
 taccatgctg agttctttat gtcactctcat atatttattt tgagacaggg tctcactctg 240  
 tccccaggc tagtagtgca caatcatggc tctactacagg cttgacctcc tgggcttaag 300  
 catcctccca cctcagcctc ccgagtagtt aaaacta 337

<210> 1961  
 <211> 348  
 <212> DNA  
 <213> Homo sapiens

<400> 1961  
 ggctgatgcc attttcagcc tcagcacgcc tgcaccagc cgttcattaa aacagcatgt 60  
 tgctccccac tgctcgtgt tgtctgttgg cgcgctgacg gggttcgaac cgatacaaga 120  
 acctccacc tacctgggtgc tttggcctca tctataagct ttccactgt cctgaaacaa 180  
 gatagagaat ctgagcggcc agtcatctgc cctaagtgtc gccgcgaag actgaatgtc 240  
 ctggaaagtt tgctgtcaca tctccattat gacaaaagca ttgcgccgaa cagatgaaaa 300  
 aatgcattgt caacggaatc ttttatgttt ggttgtcttc ctttaagc 348

<210> 1962  
 <211> 328  
 <212> DNA  
 <213> Homo sapiens

<400> 1962  
 tgggtatata taatttacag aaagtctatg tgtaaatcat tgactgactt aactccgact 60  
 gatcactctc tgtacggaac cacctaata gaatctttttg cctgacacct agatagagcc 120  
 cattaccaag acagaggaat tacaatacag agtttaatcc atatagaatt ggctaaatgg 180

gagattcaag	ttttattatt	actcagatca	ccctttccaa	aatccagag	ggtagggttt	240
tctaaacacg	gtttgttggg	cagcggctca	aggaatgagg	aaagctgatt	ggttgtgttg	300
cgataaaat	cataggggtt	aaaactgt				328

<210> 1963

<211> 137

<212> DNA

<213> Homo sapiens

<400> 1963

tgtaaataaa	gttttatttg	aacagaaaca	cactcctttg	tttacatagt	ggctatggct	60
gcctttgtga	tagaatagca	gaattaattg	actgtgccaa	agattgtaca	gccagtaaaa	120
taaaaaatat	ttactgg					137

<210> 1964

<211> 323

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(323)

<223> n = A,T,C or G

<400> 1964

ctcctctttc	caggtgctcc	ccgagcctca	caggtctggc	tcctgggcac	gtagcaagct	60
ctttccctac	ctttacttcc	ttttcattcc	cttttttttt	ttttaaactt	aatgggggca	120
agggttaacat	ataaaaaaat	cccccttttt	ggaaaaaaga	aacaaggggt	tttaagaacc	180
tttaccatt	agggaatta	taacaggccg	gtttaaaaac	atggttatgg	accaaaaaaa	240
cccctccggc	ggggggggac	cacctgaagt	cgggagttaa	aaaccagccg	gaccaacagg	300
gggaaacccc	atctttacaa	aan				323

<210> 1965

<211> 320

<212> DNA

<213> Homo sapiens

<400> 1965

gctgctctct	ggccactaga	gccaggcagt	cacctagctg	ctggttatgt	gcatacctgt	60
ctctgagtac	tcgcttcac	catcgccag	ggctctgtgg	acagaccagg	caggtgggtg	120
cccatgtgag	gaacgtgca	atggattgca	agggaaaccc	tgaaaacaaa	tgtgaagtga	180
ctgagcagt	ttaaccttag	aagactagaa	cctaagtgt	tatggcaaac	agatgttatg	240
cacgtccctg	aatttgga	actaagcac	aggcatacaa	ccataccatg	gcattggctag	300
gaccaacccc	ggtaccacaa					320

<210> 1966

<211> 363

<212> DNA

<213> Homo sapiens

<400> 1966

ggataagcta	caacataaac	acatctaggt	tcttgttctt	agaatacagc	atgaagaatt	60
tgttttcttc	ttttctccta	acattttcat	gtgagatcca	gaaaggacac	attgtctctg	120
gccattcgaa	gaaagaaaga	aagaaaaaaa	aaagggtttt	tagagaccga	gagagaaaaa	180
ggctgaaatg	ggttcgtgg	gttctaaaaa	tccgcaaacc	aaacaagccc	aagttcttct	240
tttgggactt	gactcagctg	ggaagtctac	tctcctttat	aaattaaagc	ttgctaagga	300
tattaccacc	atccctacaa	taggtttcaa	tgtggaaatg	atcgagttgg	aaaggaatct	360

ttc

363

<210> 1967

<211> 363

<212> DNA

<213> Homo sapiens

<400> 1967

cgggggttctt	gttcttagaa	tacagcatga	agaatttgct	ttcttctttc	ttcctaacat	60
tttcatgtga	gatccagaaa	ggacacattg	tctctggcca	ttcgaagaaa	gaaagaaaga	120
aagaaaaaaa	aggtatttag	agacagagag	agaaaaaggc	tgaaatgggt	tcgctgggtt	180
ctaaaaatcc	gcaaaccaaa	caagcccaag	gtcttctttt	gggacttgac	tcagctggga	240
agtctactct	cctttataaa	ttaaagcttg	ctaaggatat	taccaccatc	cctacaatag	300
gtttcaatgt	ggaaatgaac	gagttggaaa	ggaatctttc	actcccagtc	tgggatgtgg	360
gag						363

<210> 1968

<211> 341

<212> DNA

<213> Homo sapiens

<400> 1968

tataacagga	actcaaagac	aatgcacagg	gctataatct	aagaacagat	gtattaacag	60
ccttactcac	tgtaaggctg	ggaacccttg	aagccaggca	ttatatgcac	attctcaa	120
atgatgctct	agttaaagcc	ttggtaatat	atataaccaa	tgtttccaac	tgcatcctgt	180
tataaagaga	gagcaaattt	tattaaactt	atgtaaataa	ttcttgccat	aaaaataag	240
aatactcatg	gatagtttct	gaattttaga	ggaatcaa	agggacaaaa	aaaaatgttt	300
ccacctttgt	tcacaaagta	taccaaatta	ctggtaacta	a		341

<210> 1969

<211> 384

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(384)

<223> n = A,T,C or G

<400> 1969

tacggctgct	agaagacgac	tgaagggtgt	ggtacattca	gacattgtaa	tattaccac	60
tgctaaaaag	aaatgtgcta	ttaagctatg	aaaagacatg	gagaaaaatg	cattttacta	120
agtgaagaaa	gccaatctga	aaaggctaca	tagtatatga	ttccaagtac	agttgactct	180
tgaacaatac	aggtttgaac	tgcatagatc	tacttataca	gggatttttt	ttcagtacat	240
acagttggcc	ctctgtgtct	gtgggttctg	cctctgcaat	gaaacatgga	tagaaaattc	300
agtattagcc	tgggcaacaa	aatgagaacc	tgtctctaca	aaaaatttaa	aaatttagct	360
gggcgcagtg	gctcacacct	gtan				384

<210> 1970

<211> 317

<212> DNA

<213> Homo sapiens

<400> 1970

gaaaacattg	ctcctaactc	caccgcctac	cccaaacct	ataagaacta	atgataatcc	60
caccaccctt	tgctgactct	cttttcggac	ttagcccgcc	tgacccagg	tgaaataaac	120
agccttggtg	ctcacacaaa	gcctatttgg	tggtctctct	acatggacgt	gcatgacatt	180

gggtgctgaa	acccgggaca	ggaggactcc	ttcgggagac	cagtccccctt	cccctgtcct	240
cgccctcact	ccttgaggag	atccacctgc	aacctcggt	cctcagacca	accagcccaa	300
ggaacatctc	atgaatt					317

<210> 1971

<211> 299

<212> DNA

<213> Homo sapiens

<400> 1971

aactgttgga	ttttgttagt	attctctatt	atTTTTctat	tctccattct	acttatttct	60
actcttatct	ttattatttc	ttcccttctg	gtagatttgg	gtatggtttt	tttctttctt	120
tttttccaag	tttcacaatc	tgtagattta	ggttgttgg	ttgacgcctt	tcttatcttt	180
aaattttaatg	gtgtatagct	ataaattgcc	tcgtttgcac	tgttttcact	gtttcccata	240
cgtttggtat	ggtttctttc	atgtgcattc	atTTTTaagt	atTTTTctat	ttcccttgg	299

<210> 1972

<211> 285

<212> DNA

<213> Homo sapiens

<400> 1972

ggttatcagc	caagagtttg	tatctagtga	aactaagcat	catatacgaa	ggaaagatac	60
attctttttc	agacaaacaa	atgctgagag	tatttgccac	taccaagcca	ccactatacg	120
aactgctaaa	aggagctcta	aatcttgaaa	caaaccagg	aaacacatca	aaacagaacc	180
tctttaaagc	ataaatctca	caggacgtat	aaaacaaaaa	taccatttag	aaaacaaaac	240
aaaacaaaaa	ccaaggtata	caggcaacaa	atagcacaat	gaatg		285

<210> 1973

<211> 305

<212> DNA

<213> Homo sapiens

<400> 1973

tacgggtcca	aaaaacaaca	aaaggggtccg	gttgcaaaaa	aacaacaaaa	gggtccggtt	60
gcaaaaaaac	aacaaaagg	tccgggttgca	aaaaaacaac	aaaaggggtcc	ggttgcaaaa	120
aaacaacaaa	agggttcttt	tttcaaaaaa	ccacacaagg	ttacgcctgc	atgcagacca	180
ctgaggggtc	ctctgtgac	aaaaccatca	acctttacgg	ctgccccaat	accaccaatg	240
ggtacgtctg	cgccaaaact	acagacgggg	acgggtgtgag	acctcaacag	aagggtatga	300
ttttt						305

<210> 1974

<211> 387

<212> DNA

<213> Homo sapiens

<400> 1974

ggcagcaggt	gagccaaggt	cacgccactg	ccctcctgcc	tgggcaacag	agcgagattc	60
ttatctccat	aaaatgaaac	aaagcaaaaac	aaagggagag	agaatggagg	ttgcctgtta	120
ctgcatcata	atcttgttta	tgtctactga	tgcattagag	gtactaatgg	catgagagga	180
acaatttctt	gagacacagt	ttactgacca	tgaatttctt	caaaaaccca	gagagcaggc	240
ttctcaggag	gagactcagt	gtggaatccc	ttgccaaagt	agaccctggt	tctgtagcag	300
gacgagccgc	agacaaatct	cctcaagaca	cgggattaaa	gaaggaaaag	gtttatttgg	360
ccaggagcgt	cagcagattt	gtgtctt				387

<210> 1975

<211> 368

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(368)  
<223> n = A,T,C or G

<400> 1975  
ggatgccatt ttcagcctca gcacgcctgc acccaggcgc tcattaaaaac agcatgttgc 60  
tccccactgc ctctgtgtgt ctgttggcgc gctgtcgggg ttccgaaccga tacaagaacc 120  
ttccacctac ctggtgcttt ggccctcatct ataagctttt ccactgtcct gaaacaagat 180  
agagaatctg agcggccagt catctgccct aagtgtctgc gccgaagact gaatgtcctg 240  
gaaagtttgc tgtcacatct ccattatgac aaaagcattg tgccgaacag atgaaaaaat 300  
gcattgtcaa cgggaatcttt tatgtttgtt tgtcttcctt taagcaacat tgccttactt 360  
gttataan 368

<210> 1976  
<211> 339  
<212> DNA  
<213> Homo sapiens

<400> 1976  
gtggggcacg cctatatctc cagctactca ggatgctgag atgggaggat caactgggccc 60  
tagggaggtc gaggtctgcag tgagctgtga tctgtccact acactccage ttggggcgaca 120  
gagtgcagacc tcatctcaga ataatatgaa ataaaaataa atataaaata aaatactata 180  
aggagtcctt taggctgaaa ggacaacaaa ttagatggct agttgaatcc acacagagaa 240  
ataaagagca ttggcaaagg tcattgcata gataaatata cagtataaaa atatataggc 300  
ttactctttc cttcttttaa cttaaattaaa agatgaatg 339

<210> 1977  
<211> 342  
<212> DNA  
<213> Homo sapiens

<400> 1977  
ggctgatgcc attttcagcc tcagcacgcc tgcaccagg cgctcattaa aacagcatgt 60  
tgctccccac tgctcgtgt tgtctgttgg cgcgctgtcg gggttcgaac cgatacaaga 120  
accttccacc tacctgggtgc tttggcctca tctataagca gcttttccac tgtcctgaaa 180  
caagatagag aatctgagcg gccagtcctc tgccttaagt gctgcgcgag aagactgaat 240  
gtcctggaaa gtttgctgtc acatctccat tatgacaaaa gcattgtgcc gaacagatga 300  
aaaaatgcat tgtcaacgga atcttttatg tttggtgtgc tt 342

<210> 1978  
<211> 406  
<212> DNA  
<213> Homo sapiens

<400> 1978  
cgttgctgtc gaaatggggc tgagtgcagt ggctcatgcc tgtaatccca gcacttaggg 60  
tgccaatgtg gattacctga gccaggagt ttgagaccag cctgggtaac agtgagaccc 120  
ccctccctac aaaagatttt aataattagt tggcgtagt ggtgcatgcc tgtaatccca 180  
gctactctgg agacaggtgg aggggattgc ttgagcctgg gaagctgagg ctgcagtagc 240  
catgactgca ccaactgcatt ccagcctggt tgacagagt acccttgtct ccaagaaaaa 300  
aaaaagcaaa tgggattaag gactcatgga atgggaagg gaaaggggag tcttactata 360  
tgtggaataa acttgctcag tgttgccaca gagttacatt accaat 406

<210> 1979  
 <211> 357  
 <212> DNA  
 <213> Homo sapiens

<400> 1979  
 ggattttgat agggattata ttgaatctgt agatcaattht gggagaattg ccatcttaat 60  
 gatattaagt cttccaattht atgaacttag gatgtcttht tatttactta ggtcttcttht 120  
 aatttcttht ttttttttht aaaaaaaaaa tccccctctg ttacctccct gggacccccg 180  
 gggctcaagc agcccttccc tttcaccccc ccaagaagtt agggcccccg gggccccccc 240  
 cccctctat ttctgggggg aggaaggcac tccccattht tcctctcttht agaaatctgg 300  
 gtcgcccatt ctgcgccccca tttcgctctc cctcctthtct ttgtctctct aacctct 357

<210> 1980  
 <211> 361  
 <212> DNA  
 <213> Homo sapiens

<400> 1980  
 gccactggc gggactggac agatcacccg agaaaactaa caaattctcg acttaaattg 60  
 aagttttgac caaatggacg taatacacac gtacagaata ccctacccaa caaccacaga 120  
 atacacattht tactcatctt tgcattgctct aaaaatgacc acatgctcag tcataaagca 180  
 agtctcaata aattcaaaaa agcagaaaatc ataccaagca tctgtttgga ccacagttga 240  
 ataaaattag aaatcaatac caagaataac tctgaaagcc acgtaagtac atggaaatga 300  
 aacagtttgc tcctgaatga cgtttggcta aacaaaatta aggcagaaat acaaatttht 360  
 t 361

<210> 1981  
 <211> 341  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(341)  
 <223> n = A,T,C or G

<400> 1981  
 cacatccatg aatgtcaagc gtccctaaaa tgaggaccac attgtttaca acactaaaaa 60  
 tgtagaaatt gtactcaatt tagttgataa acatttttga atattaagct attaaaaatg 120  
 gcagatcatt aaaaaacata gaaacttcaa ttccaatctc tagtaaattg tcacattcaa 180  
 aaatatgtag tattttttaa aattcagatg gggttttact aggttgccca gaaagatctc 240  
 aaactcctgg cttcaaggga agagtthtct cctgccccag cctcccaaga agatgggatt 300  
 ataggcatgc accactaacc ctggcctata aatacactth n 341

<210> 1982  
 <211> 357  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(357)  
 <223> n = A,T,C or G

<400> 1982  
 ctctcaggct gtgtgagcca tttgagaaga tatacagcag agggaatact tcgtatgtca 60

ttctatgaag	ttcacatcac	ccattttacca	gaaccagact	aacaatgttc	ccgaaaaaaaa	120
ttacagatta	atatctctca	tgaccataaa	tgctaaaatc	agaatattgg	gacatcaatc	180
ccacaaattt	ataaagagaa	ttatacgcca	ttaccaagta	aatttttttt	tccaggtttg	240
taagactggg	tcaacattca	aacgttgatt	aatatgattc	atcacatgaa	aaagtaaaat	300
gagaaaacag	tacaatcata	tccctagatt	cagagagagc	atttgacaca	atccacn	357

<210> 1983  
 <211> 324  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(324)  
 <223> n = A,T,C or G

<400> 1983						
ggctgatgcc	attttcagcc	tcagcacgcc	tgcacccagg	cgctcattaa	aacagcatgt	60
tgctccccac	tgctcgtgt	tgtctgttgg	cgcgctgtcg	gggttcgaac	cgatacaaga	120
accttccacc	tacctgggtg	tttggcctca	tctataagct	tttccactgt	cctgaaacaa	180
gatagagaat	ctgagcggcc	agtcactctg	cctaagtgtc	gccgccgaag	actgaatgtc	240
ctggaaagtt	tgctgtcaca	tctccattat	gacaaaagca	ttgtgccgaa	cagatgaaaa	300
aatgcattgt	caacggaatc	tttn				324

<210> 1984  
 <211> 309  
 <212> DNA  
 <213> Homo sapiens

<400> 1984						
gctctttacc	ctcattggcg	cttctctcct	gcagtcgcc	tctgggccct	gccgcatttc	60
ttgagactta	aagtggcatt	ctaaaggcaa	tttaaaaatc	atgtcaagct	cagttgaaca	120
gaaaaaagg	cctacaagac	agcgcaaagt	tggtctttgt	aagtcaaata	gagacaagga	180
atgtggacag	ttactaatat	ctgaaaacca	gaaggtggca	gcgcatacata	agtgcattgt	240
cttttcatct	gctttggtat	catcacactc	tgataatgaa	agtcttggtg	gattttctat	300
tgaagatgg						309

<210> 1985  
 <211> 305  
 <212> DNA  
 <213> Homo sapiens

<400> 1985						
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gaaaaaagg	cctacaagac	agcgcaaagt	tggtctttgt	aagtcaaata	gagacaagga	180
atgtggacag	ttactaatat	ctgaaaacca	gaaggtggca	gcgcatacata	agtgcattgt	240
cttttcatct	gctttggtat	catcacactc	tgataatgaa	agtcttggtg	gattttctat	300
tgaag						305

<210> 1986  
 <211> 321  
 <212> DNA  
 <213> Homo sapiens

<400> 1986						
actttaagat	ttatatgaaa	aggaaaaagc	attagaataa	tcaggagttt	tgaaaaagaa	60



aaatgaagct	gaaagaatta	cactaaccga	ttttgagatt	tgctataaag	atacattaat	120
caagacaata	tggtgttagt	gaaaggatag	acccataaat	caatggaaca	taatagaggg	180
tccagaaata	aatccacaca	aatatggttg	attgattttt	aaaagttgca	agaattctga	240
aagggtgaaag	acagccattg	ctacaaatat	gccataacaa	acaaaaaagc	catttcttgac	300
ttatacaata	ctctatgatg	g				321

<210> 1987  
 <211> 365  
 <212> DNA  
 <213> Homo sapiens

<400> 1987						
tcaaaagaaa	gttttaaccc	tgtgatatga	atccacacac	cacagagcag	tttcatggat	60
aactaaccac	tttctagttt	taactgggaa	tacccttttt	ttcccttatt	actcaatgaa	120
ctgcagaatg	tccctttgca	tattccaaaa	agagtgtttc	caacctgctg	aaacaaaata	180
atactttaac	tctctgagct	gaatccacat	atcacaaagg	agtttctcag	ataggttctt	240
tctagatttt	gtctgaggat	atgttggttt	tctctatagg	cctcagaggg	ctcccaaagt	300
tctcttcaca	gattctacaa	aaagagtgtt	tcaaacttgc	tggatgaaaa	gaaaaattta	360
actcc						365

<210> 1988  
 <211> 381  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(381)  
 <223> n = A,T,C or G

<400> 1988						
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acctctagta	ccttggactg	tgactatatt	tggaaacagg	gcctttaaag	agacagttaa	180
gtgaaaagga	ggccttttagt	atgggcctag	tgtaatctga	ccagccctta	tcagattaat	240
aaagtttaat	acacagaaaag	ataccacaga	tgcattagcg	caaaggaaaag	accatgtgag	300
cacacgaaga	gaaggcagcc	ataggcaagc	caaagacagt	ggccttagaa	gaaatcaacc	360
ctgccagtac	cttgatcttg	n				381

<210> 1989  
 <211> 124  
 <212> DNA  
 <213> Homo sapiens

<400> 1989						
gctaaatcta	tccccatacc	cactcgacct	tactacgcta	caaccttagc	caagccattt	60
actccattaa	atgttttagtc	gatacaattt	ggttcttttg	cgccttacga	tattgtttcc	120
ggtg						124

<210> 1990  
 <211> 325  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(325)

<223> n = A,T,C or G

<400> 1990

cacgtgtggg	ggcttacgac	tcttaggctc	ccccttcaaa	aggcctttgt	ttgcgaatca	60
tgagatccta	atacttaaac	cgtcctcacc	atcatgtgga	aaccatgtct	ttactacaac	120
tactgcattt	attctattgt	tctggctcac	atctgtagat	cccaactgct	ctggaggctg	180
aggcaggaga	attgcttgag	cccatgaagc	ataggttgca	gtgagccgag	atcattccat	240
tgcgctccag	tctggcgaca	gaacaagact	ctgtctcgna	aaaanacatt	ataaannnt	300
tttggcggcc	tttttttcta	aattg				325

<210> 1991

<211> 380

<212> DNA

<213> Homo sapiens

<400> 1991

cggtgctgtc	ggggaaccac	cgcgctggc	tgagataggt	tgttttttga	attaactatt	60
cttttttttt	tttttttttt	tccgaaccaa	aatttccttt	ggggtcccc	ggctggaggg	120
ccgggggcca	aaaaataagg	cttctgggac	ccttggtccc	ccaggtttag	gggattcccc	180
ggccttaatt	tcccaagcag	gggggattaa	cggttggtgc	ccctcccccc	gggggatttt	240
gttttttggg	aaaaaacggg	gtttttcaat	gggggcccag	cgtgttttga	atctcccacc	300
ctggggggac	cacctctct	tgggcctcca	acggcccgcg	gctaccagct	cgccacccca	360
ctcccatgca	ctgcagtctg					380

<210> 1992

<211> 352

<212> DNA

<213> Homo sapiens

<400> 1992

accaaaaagc	atgacatata	gaaaacaaat	aacaaaatgc	agaagtcagt	ccttccttat	60
ctgtaattac	attaaatgta	aatgaattaa	aaggcagaaa	ctggcagAAC	agatgaaaga	120
aaaaacaagt	ccaactatgc	acagtctaca	agatactcac	tttggattca	aagatgcata	180
taggttgaaa	ggagaaggat	gaaaaaatat	attccatgca	aaaaacaagg	aacaaaagag	240
tggctatact	aatatcagac	aaaatagact	ttaagacaaa	attgttgggc	caggcacagt	300
ggctcatgcc	tgtaatcctc	agcactttgg	gaggccgagg	caggcagatc	ac	352

<210> 1993

<211> 404

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(404)

<223> n = A,T,C or G

<400> 1993

ggcacgagcc	gagatgaagg	tgaagatgct	gagccggaat	ccggacaatt	atgtccgcga	60
aaccaagtgt	gacttacaga	gagttccaag	aaactatgat	cctgctttac	atccttttga	120
ggctcccacga	gaatatataa	gagctttaaa	tgctacaaa	ctggaacgag	tatttgcaaa	180
accattcctt	gcttcgctgg	atggtcaccg	tgatggagtc	aattgcttgg	caaagcatcc	240
agagaagctg	gctactgtcc	tttctggggc	gtgtgatgga	gaggttagaa	tttggaatct	300
aactcagcgg	aattgtatcc	gtacaataca	agcacatgaa	ggctttgtac	gaggaatatg	360
tactcgcttt	tgtgggactt	ctttttttcac	tgttggtgat	gacn		404

<210> 1994

<211> 398  
 <212> DNA  
 <213> Homo sapiens

<400> 1994  
 cggtgctgtc gctattattc ctgagaattt gttatattag gattagcaaa aacaaagctg 60  
 attggtaata taactaacat aaattgcttg gtaactttat ttttttaaga ttatgggtta 120  
 gcgtgtgtca cattttatgg agttaattct acagtgtaaa gtttgagctt gatttttagca 180  
 ttccagtgcac ttgctaataa aataaataat ttaccaccat tgcctatac catttcctttt 240  
 gacaacagtg agctactgtt ataattaagg cagtaattac tattgagaaa ttcactgaag 300  
 caggtagaag aagatagatt gacttggttg tttcctttaa cagaaggatc aaaaccagc 360  
 agagtgcacag cagcagtgaa gcaagatgta tgtggccc 398

<210> 1995  
 <211> 360  
 <212> DNA  
 <213> Homo sapiens

<400> 1995  
 aattcgagcg gctgcttcct tttttttttt ttttttttaa aaagaaatcc accttttgtc 60  
 cccagactat gaaggcaagg gggccaaccc agatgaatgg atccctctgc ccccggggta 120  
 aaagaatttt ttgccctaac cctccaaaga agtgggatta aaggcccctg acacaatgcc 180  
 agggtaattt tttggaattt aaaaaaaaaa ggggggttca atattgtggc taaggcgggt 240  
 ttgaaccccc gaccgggggg accaccccc tgggcccc aaaggggtgg gattaacggg 300  
 ttggacccac gggcggggccc tttccttggt tttttttaaa aaccaattag ggggggtgtg 360

<210> 1996  
 <211> 122  
 <212> DNA  
 <213> Homo sapiens

<400> 1996  
 gatggcagtg ccaccatgct ggatcttgcc atggactgtg gggccaactt gggttatgct 60  
 ggacccgggtg atgattcttt tttcatgttg gtactttgca tgttggttagt tcgtacaagc 120  
 tt 122

<210> 1997  
 <211> 368  
 <212> DNA  
 <213> Homo sapiens

<400> 1997  
 agcatgaaga atttgctttc ttctttcttc ctaacatttt catgtgagat ccagaaagga 60  
 cacattggct ctggccattc gaagaaagaa agaaagaaaa aaaaaaaggg ttttttaaga 120  
 cagaaagaga aaaaggctga aatgggttcc ctgggttcta aaaatccgca aaccaaacia 180  
 gcccaagttt tttttttggg acttgactca cctggaaagt ctactctcct ttataaatta 240  
 aagcttgcta aggatattac caccatccct acaatagggt tcaatgcgga aatgatccag 300  
 ttggaaagga atctttcact cacagctctg gatgttgagg gacaggaaaa aatgagaact 360  
 gttggggg 368

<210> 1998  
 <211> 345  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(345)

<223> n = A,T,C or G

<400> 1998

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ggtggccaca	gcagcaacaa	aactcaacaa	tgacaaccaa	agcaactacc	aacatcaaac	120
acagcccaat	tcctagtcag	attaagataa	attaccatgt	caaagggtta	tttacctcag	180
tatctattac	gctatctaag	atgcctgact	tttacccttg	agatacaaaag	catgcctaag	240
caagaaaaat	cacagtctaa	ggagacaaaag	caagaatcag	aaccagactt	agatatgtaa	300
cagttgttgg	aactatcaga	caggaaatth	aaaataacca	taath		345

<210> 1999

<211> 319

<212> DNA

<213> Homo sapiens

<400> 1999

gcaccttgag	gaccattcac	ttcttggatg	caatcaaaga	acttttccat	ctcacttcct	60
tctcccagtg	tccacatagt	gcccctcaat	gtttcattct	catggtttaa	agcaactggc	120
tcaggcgggtg	aagatcagca	aagacactcg	ctcagctggg	tatttgtatc	aggctgggtt	180
cctcagagaa	ggagaaaacta	agccaacagg	atatttgtgt	gagtgtgtgt	gtgtgtgtgt	240
gtttgtgtgt	gtgtgtaata	tatgtcataa	acatctatth	actattgtat	ggatatttatt	300
tatgaataat	attatatac					319

<210> 2000

<211> 352

<212> DNA

<213> Homo sapiens

<400> 2000

agagggttgag	gctgcagtga	gctgacatcc	ccactgcact	ccagcctagg	tgacacagca	60
agactttgtc	ccctgttatt	aaaataaata	aagattgagg	ttgggtccgag	tacagaggta	120
tttgcaactg	attgattaca	actagggtaca	gatttgtttg	ttccttctcc	actcccactg	180
ctttactttga	ctagcctaaa	aaataataat	aataactctc	tctatatata	tatttttagac	240
agagtctccc	tctgtcacc	aagctggagt	tcaatgggca	tgatcacgac	ttactggagc	300
ctcaacctth	ccaggctcag	gttatccttc	caacctaact	tttctgaaga	gg	352

<210> 2001

<211> 310

<212> DNA

<213> Homo sapiens

<400> 2001

gagcaccatc	cccccttht	tttttttht	ggaaaaggga	ccctcttht	gtcccccagc	60
taaaaggggg	gggcccggat	ttgggttaat	ggaaacctcc	ccctcttgtt	ttaaggggat	120
tttcttgctt	acccctccaa	aaaattggga	ataacagggg	cctgcccccc	ccccggggag	180
atttttgttt	tttaaaaaa	aacgggtthc	ccgggggggg	ccgggtgggt	ttaaacctcg	240
ggccctaggg	ggaccccccc	ccctcgccct	cccaaggggt	tgthttttacg	ggcaggaccc	300
cccccccccc						310

<210> 2002

<211> 326

<212> DNA

<213> Homo sapiens

<400> 2002

ggctgactct	cttttcggac	ttagcccgcc	tgaccccgag	tgaaataaac	agccttgttg	60
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ctcacacaaa	gcctatttgg	tgggtctcctc	acatggacgt	gcatgacatt	gggtgctgaa	120
acccgggaca	ggaggactcc	ttcgggagac	cagtccccctt	cccctgtcct	cgccctcaet	180
ccttgaggag	atccacctgc	aacctcgggt	cctcagacca	accagcccaa	ggaacatctc	240
atgaatttca	aattggcagc	tgaagactga	tgtgtgcccga	ttgccttgga	agccccocta	300
gaccatcaca	gatgccgagc	ttcgggt				326

<210> 2003

<211> 387

<212> DNA

<213> Homo sapiens

<400> 2003

cgttgctgtc	ggttttttaaa	ggcaacatag	cattctacag	caggggttaat	ctattatcaa	60
gaacagtcac	cctgggttaat	aacaagtttt	actgatcagt	tgctgggttg	ttggttggtt	120
ggcatgtggg	tgtgtgggtg	tatagggtgtg	tgtgggtgtg	tgtgtctatt	ttaccccaca	180
cgtaccttta	tttaatgaag	agggatggta	actatatcat	aagtctcacc	atgacctgtt	240
ataaatttct	gatggaagct	cgcgcagtat	gggcctttga	aataccctgc	tgatgtcata	300
ggcatatttc	tcacatgaga	actggacca	agggcttggtg	ctgaaactct	gatgttgcca	360
ctgtttgcca	ccttcaattg	gctgccc				387

<210> 2004

<211> 339

<212> DNA

<213> Homo sapiens

<400> 2004

ggaggatagg	catgaaccac	catgacctga	tgaagaaat	ttttttaaac	caaactgttt	60
tacccaaaat	tttaatccag	agctttcatt	agatgacata	tcagagaaaa	ttaaagttgag	120
ccatataaac	atgtctcttt	tagccagaaa	tataatttag	attcaatact	cttttataaa	180
ctgaggtttt	attactatct	atctcattac	tgaagtccta	aattaaagca	ataagatctt	240
tgtgtgtgta	tatatgttgg	atgtgttgac	acataagtac	atatgttatg	ttgtatgact	300
tgtctatata	gtaaattttg	gcatagttgg	ccagaaatg			339

<210> 2005

<211> 343

<212> DNA

<213> Homo sapiens

<400> 2005

cacttcgggc	tcccaaagtg	ctgggattac	aggtgtgaac	caccgcaacc	gacttaacct	60
cttttcatta	taaattaccg	agtctcaggt	atztatctat	agccgtgcat	taacacagtg	120
tctggctctg	tcaccaggg	agaagacagt	gatgagatca	tagctacca	ctatggcctt	180
gacctcctgc	actcaagtga	ttctcccacc	ttagcctccc	aagacctggg	atgacaggtg	240
cccactgcac	aactgggtaa	attctttttt	ctattttaaac	agcagggggtt	tactatgaga	300
cccagcctcg	tctgcaactc	tggggccaag	taatcatacc	gcg		343

<210> 2006

<211> 329

<212> DNA

<213> Homo sapiens

<400> 2006

tatttcctaga	caaaaacctt	actattataa	atatgtcaat	tctaaacaaa	ttgattgata	60
aattaaatat	aatgtcaatc	aaaatcctaa	cagacttttt	tgaaactcaa	caagcggatt	120
ctaaaatgtg	tatggaaagg	cagaaagaca	agaatagcca	aggcactctt	aaaaaagaag	180
aacaggctgg	gcatgggtgg	tcacacctgt	aatcctagta	ccttggggagg	ccaaagtggg	240
aagatagctt	gaggccaaga	atttgagata	agcctaggca	agacagtgag	actctgtttc	300

cacaaaaatt taaaaactag ccgggcatg

329

<210> 2007

<211> 332

<212> DNA

<213> Homo sapiens

<400> 2007

aattcacaca	cacccaagca	gacacacact	acaaaatata	catgcacata	tgtaatagaa	60
aacctgtct	tacatattat	taattcccc	aatttgtgaa	aagacagttt	tttaattgtg	120
aataattcag	agttgttctt	atggacaagt	ccatgaaaat	tgcttctact	ttttgttaac	180
tttcatcagc	ttttcatttc	tgctcttaat	tttctatgg	cttaaaaaat	acataaataa	240
accacttcaa	attgtttcca	aacaggctgg	gagagggtgg	tcacaccagt	aatcccagta	300
ctttggaagg	ccaagacagg	tggatcatct	gg			332

<210> 2008

<211> 354

<212> DNA

<213> Homo sapiens

<400> 2008

ccctctgaag	acttgagtt	ctggatgggc	ctgagggtgg	gggaggcctg	ttagaagatt	60
ttatTTTTTT	cgTTTTcctt	tttctTTTT	gtgcagaacg	gagtcgcact	aagttgcccc	120
ggccggtctc	caactcctgg	gctcaagtga	ccctcccgcc	tcagcttctc	gaagtgctag	180
gaagtgagct	atgatcgtgc	cactccattc	tggcctgggt	gacagagtga	gacccctgtg	240
tctatTTTTa	aaaggaagct	agtggctgag	caccgtggct	tacgcctggg	atcccagcat	300
tttggcgagg	tggggcgaaa	gcatcatTTg	aggtttggga	ccattcctgc	cccc	354

<210> 2009

<211> 163

<212> DNA

<213> Homo sapiens

<400> 2009

cccaggagg	ttggccggac	acagtggtag	tggctcacac	ctgtaatcct	aatgctttgg	60
gagcctgagg	cgggaggacc	ccttgagccc	aagaagtcaa	ggccacaatg	ggctatgatg	120
gtgccactgg	tcttcgggct	gggcagcaaa	acaaaaccct	ggc		163

<210> 2010

<211> 392

<212> DNA

<213> Homo sapiens

<400> 2010

ggcacgaggc	cagtcaggat	ggtttgctcc	agcacctgct	accgggcaga	gacaaacacg	60
ggacaggaac	cccgggggct	gtatcgagta	caccacttca	ccaagggtgga	gatgtttggg	120
gtgacaggcc	ctgggctgga	gcagagctca	cagctgctgg	aggagtccct	gtcccttcag	180
atggagatct	tgacagagct	gggcttgac	ttccgggtcc	tggatatgcc	cacccaagaa	240
ctgggcctcc	ccgcctaccg	caagtttgac	attgaggcct	ggatgccagg	ccgaggccgc	300
tttgagagg	tcaccagtgc	ttccaactgc	acagaactcc	agagccgccg	cctccacatc	360
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<210> 2011

<211> 399

<212> DNA

<213> Homo sapiens

<400> 2011  
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 cactcaccta tccaccacac cacttaccta tttgtcaccc atccacccat ccatccatcc 180  
 aatcacccat ccaaccatca atccaacat tttcatctga tcatttttga tccatctacc 240  
 cgtccaccca ttcactactc catccaccta cctatccatt tatcagccat ttacccatcc 300  
 atccatctat ccatgcagat gtttattgag cacctgtgtg ctgggtccta tttgggagcc 360  
 ttgttaacca ccaagacctt cctaggccat attgtggta 399

<210> 2012  
 <211> 359  
 <212> DNA  
 <213> Homo sapiens

<400> 2012  
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 tacactgcta taaaactgct ttccacctca cgcgcactcc ttttatgttt cagcttcgcg 180  
 gctaggcaac ttaagtactc tcctgtcttc cgctcaggc tagagggcga gcgcttcgcc 240  
 gtgggacttc ttctgcctgg ctccgcctct tgccccgaa gtactcacag cgtaagggtg 300  
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<210> 2013  
 <211> 344  
 <212> DNA  
 <213> Homo sapiens

<400> 2013  
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 tggaagtaaa caatgatcaa tgccaggcac ggtgggtcag gcctataatc ccagcacttt 180  
 gggaagccaa ggcaggagga tcgcttgggt ccaggagttc cagactagcc tgagcagcac 240  
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 atccaacat ttggggaggt tgaggcgggg ggaaaaccgg agga 344

<210> 2014  
 <211> 341  
 <212> DNA  
 <213> Homo sapiens

<400> 2014  
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 ttttttaata tatatataac tcagggcttc gcttttaatt ctaaataagt cattatggaa 180  
 ataaaatcta tttatttagt agatcaagat aatattctca gttgggcatg gtggcacatc 240  
 tataatctca actactcagg aggcaggtgg gaggactgtt ggagcccagg agttcaagac 300  
 cagactaggc aacatagtga ggccctgtct cattaaaaa a 341

<210> 2015  
 <211> 342  
 <212> DNA  
 <213> Homo sapiens

<400> 2015  
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 caaggtgggt ggatcatgag gtcaggagat cgagaccatc ctggctagca tggatgaagc 180

ccgtctctac	taaaaatacg	aaaaaataat	tggccggg	tggtggcg	ttcctgtggt	240
cccagctact	caggaggtg	aggcaggaga	atggcatgaa	cccaggaggt	ggagcttgca	300
gtgagccgcg	attgcgccac	tgactccag	cctgggcgac	ag		342

<210> 2016  
 <211> 340  
 <212> DNA  
 <213> Homo sapiens

<400> 2016						
agcctgggca	acagagtaag	actctgtctc	aaaaaaaaat	aaaaaaaaaa	aaagggaaag	60
aaaaaccca	attgataaat	ttaccaaaaa	aggacattaa	ccggatttta	ctttacttat	120
ggccaaaagg	gaaaaaaaaa	acataggctt	taagggaata	cttgattgtt	gtaaaaaaaa	180
ttaaaaaaaa	gccaaataaa	acttttaggg	ataaacccgg	ccgggggggg	cccatccctg	240
aagccccacc	tatttgggag	gctaggcgga	aaaattgttt	aaaccagga	gggggggggt	300
acaaagagcg	gggatcggcc	cattgcactc	caccctggca			340

<210> 2017  
 <211> 275  
 <212> DNA  
 <213> Homo sapiens

<400> 2017						
ggcagaaatc	aaaagcaccg	accagatagg	aaaaaacag	acaaattaga	cttcaacaaa	60
actaaacatt	cgtgctcctc	aagaggaact	tttaggccag	gcgcagtggc	tcatgactgt	120
aatcctagca	ctttaggagg	ccggggcggg	tggtacacga	ggtcaggagt	tcaagaccag	180
cctggccaag	atggtgaaac	cctttctcta	ctaaaaatac	aaaaattagc	cggggcccagc	240
tggtgtcggt	ggctcacacc	tgtaatcctt	gcact			275

<210> 2018  
 <211> 316  
 <212> DNA  
 <213> Homo sapiens

<400> 2018						
agggttttatc	acatgggtag	actcaagtac	ccatgtgata	aaatgtcaca	gaactatata	60
ccaaaacaaa	tagacaaaaa	gagtgcacgt	atatactggc	gaaatccaaa	taatattctg	120
acctgagtta	acagtattat	tgcatacacag	tcacttttct	ggctttggcc	atttactatg	180
gttatataac	attattattg	gaagaagtta	gctaaagagt	atatggggac	tttatactat	240
aatttttgca	actcttgtgt	agtctctaac	tggttagtgt	gaaatagttc	tgccacctct	300
gacgcaccac	tgtaaa					316

<210> 2019  
 <211> 312  
 <212> DNA  
 <213> Homo sapiens

<400> 2019						
ttcatgaggg	gctgatctgg	ctttgggggtg	gtattaattg	tttttttttt	cccctttttt	60
tttaaaagg	gaactggcgg	ggttgccaag	gcgggtctca	aactttgggg	ctaagggggc	120
ctccccatcc	cacctactcg	gggggttgag	ccaggaaaat	ccttcgaccc	cggaaggcaa	180
aggtggcaag	ggcccacaat	ggtcccacgg	ccctccaccc	tggggggaca	acaaaaatc	240
cctctcacac	aacgagagaa	ggaaaactaa	aggaaatccc	ccggaacccc	ccgtgaaagg	300
ccggaaagcc	cc					312

<210> 2020  
 <211> 329



<212> DNA

<213> Homo sapiens

<400> 2020

gcacgcacac	acacacacac	acacacacac	acacacggta	ttgaaactag	aattctttca	60
atggtgtatt	ccccatactt	atztatgtct	caaagactga	tcttcaaaga	agacagagac	120
ttccagtgtg	agacagttga	aaatatttgg	ctgtgaccag	caacaaaagg	caaacaagtg	180
tcaaaaagggt	ctttgctatt	gtaaggagat	tctcttttac	tgatctaaac	aaaaggctct	240
tctcacttct	ctatttccca	tcctggcgca	ttaaccattt	atatttaatt	aagcccttct	300
tatatttctc	aaacagcagt	atztatgct				329

<210> 2021

<211> 375

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(375)

<223> n = A,T,C or G

<400> 2021

gagaattgct	tgaacccggg	aggcagaggt	ggcagtgagc	cgagattgcg	ccactgcact	60
ccagcctggg	tgacagagca	agactccatc	tcaaaaaaaaa	aaaaaaaaaag	aaaaaaaaaaa	120
accccgggccc	cggaaactaa	accctgaaac	ccaagaattt	ggggggggccg	gggggggggga	180
ataacaaggc	ggggatttaa	aaaccacccg	gtttaagggg	aaaccccatc	tttaataaaa	240
aaaacaaaaa	taagtggggg	ggggggggag	ccccctggat	ccccaattcc	tcggaaggct	300
ggggcaaaaa	aatccttgaa	ccccgggggg	cgggggtttc	agagacccaa	aatggcccca	360
ttgaactcaa	gtggg					375

<210> 2022

<211> 382

<212> DNA

<213> Homo sapiens

<400> 2022

cgttgctgtc	ggtgaaccac	cgcgcctggt	tgagataggt	tgttttttga	attaactatt	60
cttttttttt	tttttttttt	tttggaaaaa	aattttcttt	tttttcccc	acctgggggg	120
caggggggca	aagataaaa	g	g	g	g	180
ggctttaatt	tccaaggcg	gggggattaa	ggggaggggc	ccttaccccc	gggtgttttt	240
tttttttggg	gaaaaacggg	gtttttcctt	tggggcaagg	gtggttttgg	gttccccacc	300
cggggggaat	aacctttttt	ggccccccaa	agggggggga	atataggggg	gggcccctgg	360
ccccaacctt	tttttttaaaa	tt				382

<210> 2023

<211> 349

<212> DNA

<213> Homo sapiens

<400> 2023

gcgcgcaggc	tgcccatgcg	cgccggcgac	cacaccta	aa	tagccgcagc	ctctgcgcgt	60
cgccctccac	ggttaccccg	gctctccgcc	cctccttctc	gcggggctcg	agggaccatg		120
gcgatcctc	gcgtgagaca	gatcaagatc	aagaccggcg	tggtgaagcg	gccggacaaa		180
gaatatttgc	tgatgatttt	ctaggcatac	atgttggtga	atccattgta	aaatggacct		240
tggtgcgggg	tgagtatagg	aataaacccg	gctgaaaaaa	tacgtggctt	aaaacatgtc		300
tgtttagttt	agacgggtcg	aatttcaata	agctctttct	gggtctcc			349

<210> 2024  
 <211> 349  
 <212> DNA  
 <213> Homo sapiens

<400> 2024	
actacttgct atgtatgttc ccctagctgc atttgaaccc ctgggttcaa gtgatcctcc	60
cacttcagcc tccccggtag ctgggactat aggtgcatgg caccgggcct ggctgttcac	120
tcctcctttc ataagcaaag gcacagtttc ttttcttgta agagatgggc taggttgtgt	180
agattgagct ttctaataaa aacaactaaa agtggtgaat aaaaatgtct taaaaacatc	240
gaaaagttaa cacggtagaa atgaaattgg gaactcagat aagctgaacg tggaaactgc	300
ttttgccttg cgaacatttg ctcaactaag tgaacttgaa ctttggttt	349

<210> 2025  
 <211> 352  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(352)  
 <223> n = A,T,C or G

<400> 2025	
actacttgct atgtatgttc ccctagctgc atttgaaccc ctgggttcaa gtgatcctcc	60
cacttcagcc tccccggtag ctgggactat aggtgcatgg caccgggcct ggctgttcac	120
tcctcctttc ataagcaaag gcacagtttc ttttcttgta agagatgggc taggttgtgt	180
agattgagct ttctaataaa aacaactaaa agtggtgaat aaaaatgtct taaaaacatc	240
gaaaagttaa cacggtagaa atgaaattgg gaactcagat aagctgaacg tggaaactgc	300
ttttgccttg cgaacatttg ctcaactaag tgaacttgaa ctttgggttt gn	352

<210> 2026  
 <211> 346  
 <212> DNA  
 <213> Homo sapiens

<400> 2026	
ggcactggag gaagataact caaaataaga ggcagctatg acaatccac agcaaacatc	60
atactgaatg gggttaaagct ggaagcattc ctctaagga ctgaaagaag acaagaatgt	120
tcactcacac catgcttatt caacatagca ctggaagtct tagccagaac aattagtcaa	180
agaaagaaat agacatccaa atttgaaaaa aggaagtcaa attatctctc ttcactgacg	240
atatgattct atacctagaa atactaaaga ttctgccaaa tctcaggata caaggattag	300
cttacaaaag ttaatagcat ttccatacac caataactaa gctgag	346

<210> 2027  
 <211> 347  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(347)  
 <223> n = A,T,C or G

<400> 2027	
gctcttcaag taaatactac tgatttgtca ccaaaggagg tcaactccaa ggaaagcttt	60
gcatttaaac cagaaaatat ctcagaagaa aatgcaaccc acatatttat tgccattaaa	120

agtatagata	aaagcaat	gacatcaaaa	gtatccaaca	ttgcacaagt	aactttgttt	180
atccctcaag	caaatcctga	tgacattgat	cctacaccta	ctcctactcc	tactcctact	240
cctgataaaa	gtcataattc	tggagttaat	atttctacgc	tggtattgtc	tgtgattggg	300
tctgttgga	ttgttaactt	tattttaagt	accaccattt	gaacctn		347

<210> 2028

<211> 389

<212> DNA

<213> Homo sapiens

<400> 2028

cgttgctgtc	ggtcggagag	ccagcgggact	ctgacaagcg	tcatgccagt	gacttcgccc	60
tgtggaaggc	ggacaaaccc	caggaggtgt	tctgggcctc	tccttgggga	cccgggaggc	120
cgggctggca	catctagtgc	tctgccatcg	ctagtatggt	atttggaagt	caactggata	180
tccattcaag	tgggatagat	ttagcttttc	cacatcatga	gaacgaaatt	gcacagtgcg	240
aagtctttca	tcagcgcgag	cagtggggaa	attattttct	gcattctggg	catttgcacg	300
ccaaaggcaa	agaacaaaaa	atgtgccaat	cattaaagaa	ctacgttact	attaaggact	360
ttctgaagac	cttttcccc	gatgtctta				389

<210> 2029

<211> 189

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(189)

<223> n = A,T,C or G

<400> 2029

gacccactac	ctaaaaaatc	ccaaacatat	aactgaactc	ctcacaccca	attggaccag	60
gnnggaagnn	aaaagaaaaa	ggaaaagggg	gcggtttttt	tcggaaaccc	caacttggaa	120
aaaacctttg	gggggggtggg	cacacccccca	ttttaagggg	gggggaaaaa	tttttttttt	180
tgggaattg						189

<210> 2030

<211> 215

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(215)

<223> n = A,T,C or G

<400> 2030

tacggttgct	agaggacgac	ggatgggctg	atgccaattt	ttctgggaga	gccacttta	60
aaacccccta	taccagagga	gctacctaag	aacaggtttc	nagagcacac	cccgtctatg	120
tactcacaat	agcggggaga	atttataggt	tgaggctgac	aaaccttccc	agcctggggg	180
atttctgggt	ttgccaaaat	agaactctta	gttcn			215

<210> 2031

<211> 390

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(390)  
 <223> n = A,T,C or G

<400> 2031  
 cggttttataa aagccttggg ttccaaccag gcagtagatg tgcttctgaa cgcgaaggag 60  
 caaacactga aataaaatag tttatttttc acactcaaaa aaaaaaaaaa aaaacctccg 120  
 ggggcccgttt tttccgtaaa cccaaacttg aaaaaaccct tggaggagtt gggccaaccc 180  
 ccacctaaag ggcgggggaaa aaagggtttt tttggggaaa ttggggaggc tttgggttta 240  
 ttggaaccca ttataggcgg caaaaaacag gtaaccacca ccaatggctt tctttttatg 300  
 ttccgggttc gggggggggg ggggggggtgt tannccccc ccccccncnc ccccccncnc 360  
 ccccccncnc cncaccccn ccccccccn 390

<210> 2032  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<400> 2032  
 cgttgctgtc gcacggtttt gttttgttgc ccaggctgga gtgcaggggt gcaatcgaag 60  
 ctactgcag cctcgaccac ctgggctcgg gtgatcctcc tgctcagcc tcccagtatc 120  
 tgtggccaca agcacacccc accatgccc ttttaatttt taagggattt cttgtacata 180  
 tggggtctca ctatgctgcc cacgctggac ttgaactcct ggccaccaag gggagctcct 240  
 atctcggact ccggaggggc tatgattacc cgtagataga catttacttt aggaagaggc 300  
 tcttaaaggc aataaaacgc ttcccatcca agagaatcac gctgcaatcc tggggccacag 360  
 agctttttta aaaatcgatg cctgaccttc aacg 394

<210> 2033  
 <211> 404  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(404)  
 <223> n = A,T,C or G

<400> 2033  
 tacggctgct acaatatcac agaagggtcg gtcttgaact gctgggctga agggatcagc 60  
 tgggtcttgg ctcccaaaag gctgggggta caggcatgag ccatgggtacc ccgccaagtg 120  
 aactattaat acacacaacc tggatacatc tcaagagaat tatgctgagt gaaaaaacag 180  
 acaacacaca tacggccacc taatttatga ctaagggata ctgcagccaa ctaaagggaag 240  
 ttatcttcaa taaatgggtg tgtgtcaact gaatatatat atagaagtat ataaatcttg 300  
 atttctactt cgtataaaca aaaaagatct aatttctaata tatagacctc ataaacttaa 360  
 ggaagaaaca ataaaactta tggaagaaaa catacgagaa tatn 404

<210> 2034  
 <211> 353  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(353)  
 <223> n = A,T,C or G

<400> 2034

ctggatgtca	gcaagaatgg	aatacaggag	tttccagaaa	atataaaaaa	ttgtaaagtt	60
ttgacaattg	tggaggccag	tgtaaaccct	atttccaagt	aagttctcag	gctccctgat	120
ggatttttctc	agctgttaaa	cctaaccocag	ttgtatctga	atgatgcttt	tcttgagttc	180
ttgccagcaa	attttggcag	attaactaaa	ctccaaatat	tagagcttag	agaaaaccag	240
ttaaaaatgt	tgcctaagta	agtaaagggtg	ctattcttta	aaaaacttaa	tttataattt	300
ttaatgatta	agtctttana	aatgtaaatt	tttattacct	anaatgtggt	gcg	353

<210> 2035

<211> 367

<212> DNA

<213> Homo sapiens

<400> 2035

gtgcgtccgt	cgattgagat	ttgaacgacag	acaggggtccc	gtgtgtttgct	gccacagcta	60
cagttcagtg	acaagaaaagc	tatatctgta	atggctgtga	tgcgattgct	ttatttggtg	120
cctgtattct	ctgcactttg	cgaaccgacg	ccgacagttg	cattgatttc	atgatttagg	180
taccgaccaa	gggtgtgcgaa	gttcaggact	ctgtctctcc	acccctcata	taaaagaaaa	240
aaggaaaaggc	atgactctga	gggtaattct	aggaaggcat	gtgggggtggg	aaaaggagcc	300
agcgggtgtga	ttaaagaatg	acatgggtact	agaggggatgc	agatctagat	aatattgaaa	360
ggccagg						367

<210> 2036

<211> 382

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(382)

<223> n = A,T,C or G

<400> 2036

tacggttgcg	agaatacgac	agaagggctg	gatgtcagca	agaatggaat	acaggagttt	60
ccagaaaata	taaaaaattg	taaagttttg	acaattgtgg	aggccagtg	aaaccctatt	120
tccaagtaag	ttctcaggct	cctgatgga	ttttctcagc	tgttaaacct	aaccagttg	180
tatctgaatg	atgcttttct	tgagttcttg	ccagcaaatt	ttggcagatt	aactaaactc	240
caaataattag	agcttagaga	aaaccagtta	aaaatgttgc	ctaagtaagt	aaagggtgcta	300
ttctttaaaa	aacttaattt	ataattttta	atgattaagt	ctttaaaaaat	gtaaattttt	360
attacctana	atgtggtgca	an				382

<210> 2037

<211> 386

<212> DNA

<213> Homo sapiens

<400> 2037

cgttgctgtc	gggaatgccc	ttggcagcct	gcccaggaa	gctgccaggc	agaactatgt	60
ggatttggtg	tccagtttga	gtccttcatt	ggaatcctct	agtcagggtg	agcctggaac	120
agacaggaaa	tcaactgggt	ttgaaactct	ggtgggtgacc	tccgaagatg	gcatcacaaa	180
gatcatgttc	aacoggccca	aaaagaaaaa	tgccataaac	actgagatgt	atcatgaaa	240
tatgcgtgca	cttaaagctg	ccagcaagga	tgactcaatc	atcactgttt	taacaggaaa	300
tggtgactat	tacagtagtg	ggaatgatct	gactaaactc	actgatattc	cccctgggtg	360
agtagaggag	aaagctaaaa	ataatg				386

<210> 2038

<211> 323

<212> DNA

<213> Homo sapiens

<400> 2038

aggtaactga	atccaacaac	atatcaaaaa	gataatccat	catgtgatca	agtggggttc	60
ataccagggg	tgcaggggatg	gtttaacata	cacaaatcaa	taaatgtgac	acaccacata	120
aacagaatta	aaaacaaaaa	tcacatgatc	atctcaacag	atgcagaaaa	agcattcaac	180
aaatccagca	tccctctatg	attaaaactc	tcagcaaaaat	tggcatataa	gggacatacc	240
tcaatgtaat	aaaagccaac	agccaacata	atactgaata	gggaaaagtt	gaaaacattc	300
cctcttagaa	cttgaacaag	aca				323

<210> 2039

<211> 319

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(319)

<223> n = A,T,C or G

<400> 2039

gtatacctgg	actttataga	aagtattaaa	cttgtatcta	ttactttata	aagcagggca	60
ctgaatatat	tgagagagaa	taocagctag	aaactttaag	aatataacat	ctttttggaa	120
acaacaatgt	ttattttaa	aattatttac	catgaccaag	tggtatttat	cccaggaatg	180
caaggggtg	tcaacacaag	aaaatcaatt	gatgaaatat	atcacattaa	tggagagaaa	240
aacatatata	tcattctaac	tgatgcaaaa	aatatatattg	acaaaattca	gcactctatc	300
agaaaaacct	ttagaaaaan					319

<210> 2040

<211> 386

<212> DNA

<213> Homo sapiens

<400> 2040

cgttgctg	ggcttcctaa	ccatcgagat	taccagcaat	gtgcagtacc	tgaaaagcag	60
gatattatga	agaaactgaa	ggagattgca	ttcccaagga	cagatgaatt	gaaaaacgac	120
cttttaagaa	aatataacgt	agaataccaa	gaatatttgc	aaagcaaaaa	caaataataa	180
gctgaaattc	tcaaaaaaatt	ggagcatcag	agattgatag	aggcagaaaag	gaagcggatt	240
gctcagatgc	gccagcagca	gctagaatcg	gagcagtttc	tgtttttcga	agatcaactc	300
aagaagcaag	agttagcccg	aggtaaaatg	cgaagtcagc	aaacctcagg	gctgtcagag	360
cagattgatg	ggagcgcttt	gtcctg				386

<210> 2041

<211> 359

<212> DNA

<213> Homo sapiens

<400> 2041

attctccgta	ttcaccttct	gtctctccag	tttgggggca	gctgtttgac	ctgtgactta	60
acttctctta	cagatctaag	aaaagttggt	gattttttcag	tttgtttagc	tttttacttg	120
ctcttaagat	tgagtgcag	attttttttt	gcattttttt	attgcgataa	aatgtattaa	180
tacaaaacat	ttatcattta	cgtgtacagt	tctgtggcat	tagatacatt	cacactgtgc	240
aattaggact	cttaaaagga	aaaagtcaca	tactgttaga	agggtcatac	aaggctttat	300
agaaaggatt	tttaagatga	gcttctatat	atcaattagg	agaacatttc	agtagaact	359

<210> 2042

<211> 354

<212> DNA  
<213> Homo sapiens

<400> 2042  
atacaaaaaa ttagccaggg gtggtggtgc acacctggag tcccagctac tcaggaagct 60  
gaggtgggag gatcacctga gcctggggag gtcaagactg cattgagcca tgatcctgcc 120  
actgcactcc agcctgggtg acagagcaag actccatctc aaaaaaaaaa aagcaggtaa 180  
aaaaaaattt tttttgtata aagccaaaaa tatataaaag ggcaaaaata ggcggggggg 240  
gggggctacc cctgaaaccc caccattttg gaaggccagg gggggcaaat cacgaggccg 300  
ggaaattgaa accatcctgg ttaacagggg gaaaccccg ctttactaaa aaaa 354

<210> 2043  
<211> 402  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(402)  
<223> n = A,T,C or G

<400> 2043  
ggcacgagag gggctggatg cctttcatcc caactattct ctgtggtatg aaaaagaaaa 60  
aaaaaaaaaa aaagggatcc gggcccgggc gggggggttc acccctgtat tcccaccttt 120  
ttggaaaacc aagtcgggca ttcttttgaa gtctgggagt aaaaaccacc cggcccaact 180  
ggggaaaagc ttgttttttt taaaaaaaca aaatttacc ggccgggggg gggggccctt 240  
gtattcccag gtttttgggg ggactgaaac agaaaaatcc ttccaccccg gggggggggg 300  
gttgcataaa ttcaaaaggg ccccttggg ctccaccctg ggggacaaag cgaaactcct 360  
tttaaaaaaa aaaagggatc ggccaaaaaa ccccgggggg tn 402

<210> 2044  
<211> 331  
<212> DNA  
<213> Homo sapiens

<400> 2044  
tgctggccac accagcccc tttcacctcc agtgccacaa taaacctgta cccagctgtg 60  
tcttgtgtgc ccttccctg tgcatacgga ggggcagaat ttgaggcacg tggcagggtg 120  
gagagtaaga tggttttctt gggctggcca tctgggtggt cctcgtgatg cagacatggc 180  
gggctcatgg ttagtgagg aggtacaggc gagaccccat gtgccaggcc cgggtgccac 240  
agacatgagg ggagccactg gtctggcctg gcttgagggt tagagaagg tagttaggaa 300  
gggtagttag catggtggct catgcctgtg g 331

<210> 2045  
<211> 313  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(313)  
<223> n = A,T,C or G

<400> 2045  
ttgtttgcag aataaaacttc agtgttatac tcggcttaat catttgcata aagtgtacca 60  
agaataatta ttttcacata ggctttttaa attggctctg atggaattct attccatacg 120  
gaatctcaga taagactggt tttttttgag ttggagtttt gctcttggtta cccaggcctg 180

agtgacagnnn	cnnnnnnntn	nnttantnnn	nnctnnncct	tnttnactca	attgatectc	240
ccacctcatc	ctccccaata	actttttacan	cctttccata	ccaccactcc	tttttaattt	300
aaaaaaaaat	ttt					313

<210> 2046

<211> 324

<212> DNA

<213> Homo sapiens

<400> 2046

aggctgggtg	gcactgggtg	gatctcggat	cactgtaacc	tctgcctcca	gggttcaagc	60
aattctctgc	ctcagcctcc	cgaggagctg	ggattatagg	cgcccaccac	catgccccgc	120
taactttttg	tatttttagt	atagatgggg	cgtcaccatc	ttgtccaggc	cggtatagaa	180
cttctgtcct	cctggggacc	caaaatgggc	tcctaaaaaa	ggagggtttg	gacctgatgt	240
ccagggtttt	ttgaagggtg	gggactgccg	cgccccccct	ccaccggggc	cagtattttt	300
gtttaaaaat	ataaacggtg	cgcc				324

<210> 2047

<211> 398

<212> DNA

<213> Homo sapiens

<400> 2047

ggcgggatgg	aggcggcggc	cgagccttta	tattttgtcc	ggcgtcaggc	acatcatcct	60
ggtcctgtca	ggaaaagggg	gcgttgggaa	aagcaccatc	tccacggagc	tggccctggc	120
actgcgccat	gcaggcaaga	aggtgggaat	cctggatgtg	gacctgtgtg	gccccagtat	180
ccccgcgatg	ctcggggcgc	agggcagggc	tgtgcaccag	tgcgaccgcg	gctgggcacc	240
cgtcttcctg	gaccgggagc	agagcatctc	gctcatgtct	gtgggcttcc	tgctggagaa	300
gccggacgag	gccgtgggtg	ggagaggccc	caagaaaaac	gcgctgataa	agcaggttgt	360
gtccgacgtg	gcctgggggg	agctggacta	cctgggtgg			398

<210> 2048

<211> 360

<212> DNA

<213> Homo sapiens

<400> 2048

actatcgatt	gcgagacgac	gacagacggg	gatcagtctg	ttcctaccac	acttctgggg	60
ccataacgaa	atggctgcat	gagtgaagac	tgtgatgcta	tcgctctata	ccaaaccatt	120
atgatctgca	ataatctggt	tagcaaccac	agttgcgttc	atthttgtgt	ttatggtact	180
aggggtggcg	tggaaagatc	acgataacat	ccagaattgg	catctcttct	ttacgtttag	240
atgaactaga	ggagcgcgag	catacacatt	caaaagctag	cagaaggcaa	gaaataacta	300
aaatcagagc	agaactgaag	gaaatagaga	cacaaaaaac	ccttcaaaaa	attaatgaat	360

<210> 2049

<211> 313

<212> DNA

<213> Homo sapiens

<400> 2049

ccaaagtgc	gggattacag	gtgtgagcaa	ccacaccccg	gcctcatgct	ataacttttt	60
tttttttttt	taaaaaaagc	ctcactttgt	acccaaggct	gaagggggta	ggggaataaa	120
gggggttaat	tgaaaccttt	gcctccgggg	ttaaagggaat	tttccggcct	aaccctcctg	180
agaagctgga	actacagggg	cctgccacca	acccgggtta	atthttttgt	tttttaagaa	240
aaaacggggt	ttaaccacgt	gtggaaggcg	ggtttcaaac	aactgacctc	aggggatcca	300
cccacctggg	cct					313



<210> 2050

<211> 352

<212> DNA

<213> Homo sapiens

<400> 2050

actgtggatc	tgtccccagg	tttggtctggg	ggtttggttt	ttagtagaga	tgaggtctca	60
ctatgtttctc	aaactcctgg	gctcaagtga	tcctcccacc	ttggccccct	aaagtgttag	120
gattataggt	gtgagccact	gcatttgggc	gccgtgaaaa	gctttgagaa	ggctaacgga	180
aaagcaagg	agagccctgg	gcacacagcc	ccctcgagga	ggcaggtagg	gccccacctc	240
acggtgtggg	tcacagagct	ttactccctg	catttccagc	catgaggggt	tggggggccat	300
ccacccatca	gatactgggt	aggaaggtga	tcacggctca	gtgcaaggga	ct	352

<210> 2051

<211> 352

<212> DNA

<213> Homo sapiens

<400> 2051

actgtggatc	tgtccccagg	tttggtctggg	ggtttggttt	ttagtagaga	tgaggtctca	60
ctatgtttctc	aaactcctgg	gctcaagtga	tcctcccacc	ttggccccct	aaagtgttag	120
gattataggt	gtgagccact	gcatttgggc	gccgtgaaaa	gctttgagaa	ggctaacgga	180
aaagcaagg	agagccctgg	gcacacagcc	ccctcgagga	ggcaggtagg	gccccacctc	240
acggtgtggg	tcacagagct	ttactccctg	catttccagc	catgtgggtt	tggggggccat	300
ccacccatca	gatactgggt	aggaaggtga	tcagggtca	gtgcaaggga	ag	352

<210> 2052

<211> 275

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(275)

<223> n = A,T,C or G

<400> 2052

ctcatcatgg	taaagacttt	atatgaaaaa	ttcacagcta	acatcacatt	caattatgaa	60
atgatgaaag	catttcccct	aagattaata	acagggcaag	ggtgtctact	atcctcactt	120
atatttaaca	taatattgaa	agttctagcc	agagaaattg	ggcaaaaaaa	aaaaaaaaaa	180
aaaattgggg	gggggttttt	tcggaaaatc	cagcctggaa	aaaatccttg	gggggtgtgg	240
gccccccccc	cttaggagg	ggggaaaaaa	gggtt			275

<210> 2053

<211> 384

<212> DNA

<213> Homo sapiens

<400> 2053

gaagacttac	ttaccctaag	tatatatgca	cccaacattg	gagctcccag	gtttataaaa	60
caattacttc	taaacccagg	aagagactta	gtcacacaac	aacagtgagg	aacttcaata	120
ccccactgac	agcattagac	agatcatcaa	gttataaaac	taacaaagaa	attctggact	180
taaaaattga	acacttaacc	aataggacct	tataaatata	taaagaatat	tccacccaac	240
aaccacagaa	tataaattat	tcttatctgc	acatgaaacg	tactctaaga	tcaaccacat	300
attcattcat	aaaaaagcct	caataaattc	aaaaaaattg	aaatttttaac	aagcatattc	360
tccaaccaca	ggggaattaa	aata				384

<210> 2054

<211> 332

<212> DNA

<213> Homo sapiens

<400> 2054

tgtgtggtgg	cggcaccgct	cacaaacacc	cccactccgg	ccgcccgaca	gtctgaacag	60
ctcagagttg	aaccggcagc	gtcgggcatg	ctggttgacg	gagcaggcta	ggagcaaaat	120
ggggtggggg	cgcacagagg	cagagtgtgc	tgctccccag	tcctcagctt	tcttcccatg	180
gccctgccct	catgaaagga	agccgtgagt	gtccaaggta	gaagagaatg	cctgggtccc	240
aggacacctc	tattattatc	tttttttttg	agacggagac	tcactctgtc	accagggtg	300
gagccgaata	ttttttttgcc	aattctgtta	cg			332

<210> 2055

<211> 387

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(387)

<223> n = A,T,C or G

<400> 2055

cgttgctgtc	ggtctgatgt	tggcctaggg	aagggacggt	actacagtgt	aaatgtgccc	60
attcaggatg	gcatacaaga	tgaaaaatat	taccagatct	gtgaaagtgt	actaaaggaa	120
gtataccaag	cctttaatcc	caaagcagtg	gtcttacacg	tgggagctga	cacaatagct	180
ggggatccca	tgtgctcctt	taacatgact	ccagtgggaa	ttggcaagtg	tcttaagtac	240
atccttcaat	ggcagttggc	aacactcatt	ttgggaggag	gaggctataa	ccttgccaac	300
acggctcgat	gctggacata	cttgaccggg	gtcatcctag	ggaaaacact	atcctctgag	360
atcccagatc	atgagttttt	cacagcn				387

<210> 2056

<211> 381

<212> DNA

<213> Homo sapiens

<400> 2056

tgggacaaca	ggggctcacc	accacaccca	gctagttttt	tctgtagttt	tattagagaa	60
gtggttttat	cgtgtaggcc	aggggggtct	caaacttctg	gtctcagggtg	atccacccat	120
ctcagccttc	caaagtactt	ggattacagg	agtggccacc	acgcccaccc	tacacatagc	180
tctttttttt	tttttttttc	aagaaaaaaa	tttttttttg	tcccccaggt	gcaggaagat	240
ggtttttttg	ggtacaccag	aatctttttt	tccagggttt	aagccagtat	ggaggccgat	300
atctttgggt	gcgcgggggt	tacacacgaa	ctgtccaaac	ccggtgtgat	tgttggtctt	360
acaaaagatg	ctggagcata	t				381

<210> 2057

<211> 399

<212> DNA

<213> Homo sapiens

<400> 2057

cgttgctgtc	gacggttttc	ctgccttagt	ctccctagac	gctgagactg	ccggcatgtg	60
ccaccacgtc	cagctaatac	tttgcgcttc	tagaagacat	ggggttactc	cctgtatttg	120
aggctggtct	gagagctcct	gacctatttg	gaccagtcca	cctctgcctc	ccaaagggtc	180
cggaaacaag	cgtcgatcct	tctatgcctg	accgacaacc	ttatgtctta	gcctgagttc	240
ctcagcctta	atgtgagatc	ctcaaactgt	tgacatacta	attaatatgt	atctactgag	300

actgagaaag acactaattt ctttctaaat catgaagatt tactgattat cttatatgta	360
aaacattttta gcctatatgt tggaatctgg agccaatga	399

<210> 2058  
 <211> 335  
 <212> DNA  
 <213> Homo sapiens

<400> 2058	
tggaaccagc aaagcatgaa aggtttaaga cacttcatca gttggggtttt cttgccttga	60
aaaaggggga atagaaaatg atttggtaag cactccctct ttcacttcct ttggaaggga	120
ttgggcaaaa taagtattat ttctctctca tatacgtaga attagttttt ttgggtttttt	180
gtttgtttgt ttttgagaca gagtttttga gactctgtca cccaggtggg agtgcaagggt	240
cgcgatcttt gctcactggg ttctctgect cccaggtaca agcgattttt ctgtcttata	300
ccctgagta tctatgaatg atatttgtct gccct	335

<210> 2059  
 <211> 336  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(336)  
 <223> n = A,T,C or G

<400> 2059	
ggattcctta aaccttgagc cttggagggt gaggtgaag tgagccaaga tcacaccact	60
gcattccatc ctatgtgaca gagtgaagaca ctgtctccaa aaataaaaata aagatttaat	120
caaaataaaa tatgttacat aaaaatcaag gaagaccatg tggccatata aaaacacaaa	180
gccaggcact gtggctcatg cctataatcc caacactttg ggaggctgac gcagatggat	240
tacttgagat caggagtcca agaccagcct ggccaatata ctaaaacccc gtgtctacta	300
aaaatacaaa aatcagctg ggcgtcgtgg caagtn	336

<210> 2060  
 <211> 172  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(172)  
 <223> n = A,T,C or G

<400> 2060	
cgttgctgtc gggcttggtc tcagtgaacg caccgtgatg tgcaggccgg gaggtatagg	60
caggctgatg ggggagggtg gggagggttt tcnacacctn gcaccaaag ctttatctac	120
tgaagctgcy atgctctagc tatattcaac accattattc gttacattat at	172

<210> 2061  
 <211> 322  
 <212> DNA  
 <213> Homo sapiens

<400> 2061	
gggcaatctt ttcggattct cttccatgct gtggcagggt agcctcatcc aatttgtgaa	60
agcctgaata gaacaaaagt ctgacctcc gctgagtaag agagaattct tctgcctga	120

atgccttcac	actgagatat	gggtttttgt	cctgtttttca	gagtagaacc	aaaacattgg	180
ctcttcctgg	accttcaacc	taccagcttt	tgaactgaac	ctacaccatt	ggctctcctg	240
gttctcatgc	cttcaaattc	agactgccaa	tatcatactg	aatgggcaaa	agctggaagc	300
attccctttg	aaaaccaaca	ca				322

<210> 2062  
 <211> 295  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(295)  
 <223> n = A,T,C or G

<400> 2062						
gctttgcac	tgaaactgtc	agccccagaa	tgttgacagc	cgctctccta	gcccttctct	60
gtgcctcagc	ctctggcaat	gccattcagg	ccaggctctc	ctcctatagt	ggagagtatg	120
gaagaggnac	ntaanctctt	gggagctcta	tggccctgcc	cattggctga	caaaccaca	180
tatgtatcca	ggtgacctta	aggcaagctt	gtatcagctg	atgatctctt	aaaagtgc	240
ccttctgggt	ggaggataac	caacaactag	cacaaccagc	atttcgagaa	aacct	295

<210> 2063  
 <211> 317  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(317)  
 <223> n = A,T,C or G

<400> 2063						
gggcaatctt	ttcggattct	cttccatgct	gtggcagggtg	agcctcatcc	aattttgtgaa	60
agcctgaata	gaacaaaagt	ctgaccctcc	gctgagtaag	agagaattct	tcctgectga	120
atgccttcac	actgagatat	gggtttttgt	cctgtttttca	gagtagaacc	aaaacattgg	180
ctcttcctgg	accttcaacc	taccagcttt	tgaactgaac	ctacaccatt	ggctctcctg	240
gttctcatgc	cttcaaattc	agactgccaa	tatcatactg	aatgggcaaa	agctggaagc	300
attccctttg	aaaacn					317

<210> 2064  
 <211> 374  
 <212> DNA  
 <213> Homo sapiens

<400> 2064						
actcagcgtg	gtgtcacgtg	cctggaatcc	caactactcc	ggaggggtgag	gcacaagact	60
cgcttaaacc	tgggaggcag	aggttgcgtg	agccgagaac	atgccactgc	actccagcct	120
gggcaagaga	gtgagactct	gtctcaaaaa	aaaagtattat	atttatatac	acacatatat	180
ttatatactc	acacacacac	gtgcacacac	ttaaaaatgc	caagaaaaaa	attgtaccaa	240
acaatcatga	tctgaatcat	gaagcaaatt	aaaatgtggc	atgattttga	acaagtgatg	300
gagaatacaa	aaagatttga	ttgtgtaaaa	gggttatgat	ttgagattgg	ggaggaaaaa	360
aaacataatc	cctg					374

<210> 2065  
 <211> 324  
 <212> DNA

<213> Homo sapiens

<400> 2065

aatcccaaca	ctgggcagct	gaggtgggtg	gatcacttga	gcccagaagg	tcgagagacc	60
agcctaggca	acatggtgaa	accccgctct	tactaaaaat	tcaacaataa	aaaaattagc	120
tgggcgtggt	ggcaaggacc	tgtggtccca	gtactcttg	gggctgagg	cgggaggatc	180
aattgagcct	gggaggtcga	ggctgtggtg	agtggtgacc	acaccacttc	actccagccg	240
gggtgacaaa	acaagaaaac	ctgtcacctt	tctgggggac	cctggtttcc	ctggggtaat	300
tcaaaaaatc	ttcccaaaag	ggag				324

<210> 2066

<211> 394

<212> DNA

<213> Homo sapiens

<400> 2066

cgttgctgtc	ggaaaacaag	gggttagatg	ttgcatttca	taaaactaac	cgaagttctg	60
tctactgatg	cagcacaaga	gatgtaaaaa	aaaaaaaaaa	aaaaccccc	cccccgggga	120
aaaacccttt	taaggtttgg	tttggttttt	tttttggggt	tgggtttttg	gtttttttac	180
cccagggaaa	aacctggaaa	aggggcaaaa	cccctttccg	ggtttttttt	ttaagggccc	240
ttttctaaaa	aatagggcca	accgggaatg	gaaaaagggg	gggggggggg	gaaaaaaaaa	300
aaaccttggg	ggttaggggt	ttaaaaaaaa	tttaggccca	ttggttaaaa	aaaccgcaac	360
tttaaaaaaa	aaaaaatccc	ccccccaacc	aacc			394

<210> 2067

<211> 289

<212> DNA

<213> Homo sapiens

<400> 2067

tgctaaaagt	acattgaaga	tagattgccc	catccaacct	cctacatcaa	gggtaaacaa	60
actctttctg	tacgggccag	atggtaagta	tttggggctt	tgtgggccat	atagtttctg	120
ttagatctac	tcagtgtgtc	cattgtagtg	caaaagcagc	cacagacaat	atgtaaacaa	180
ttgaatgtgg	ctgttttcca	ataaagtgtt	atttacacaa	ccagatttta	cgggtgggtt	240
atagtttggg	gaatcatgtc	ctagatcatc	attaggaagt	ggcatggtg		289

<210> 2068

<211> 339

<212> DNA

<213> Homo sapiens

<400> 2068

gtgggttttg	tcattacttt	caacgggaaa	attgcaatta	cttttgtacc	aacttatcat	60
atgaaaaaca	tatttttaaat	atcttaaaaa	cttgagcctg	ccatacaaaa	ttgtgtgtgt	120
gtgttgtgtg	tgtgtgtgtg	tgtgctgtgag	tgtgacttaa	gatcatgatt	ttattaccac	180
actgggcatc	attgttaagc	cccatcttca	ctaacagtac	acaattagcc	ccgtgtagag	240
gtggctgcc	gaaatcccat	cctactaagg	aggttgagt	aagagaatca	cttgaacctg	300
ggatgcaaat	gaaacagtga	gtctagatcg	tgcgactgg			339

<210> 2069

<211> 326

<212> DNA

<213> Homo sapiens

<400> 2069

tatttgtata	atcgctgata	actttccttg	ctttcaagtc	tgccccaact	gaaatgaata	60
caggtactcc	tgctttcttt	tgattagggg	tagcatggta	catctttcct	caccatttta	120

tttttcatct	atatggggtt	ttatatTTTaa	aatgagttcc	atctcttcat	gataaaaact	180
gacaacaaac	taggcatcaa	agaaatatat	ctgaaaataa	taagagccat	ctatgacaaa	240
cccacagcca	aaccacatc	atactgaaca	ggcaaaagct	ggaaccattc	tccttgagaa	300
ctggaacaag	acaaggatgt	gtattc				326

<210> 2070  
 <211> 132  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(132)  
 <223> n = A,T,C or G

<400> 2070						
cgacagaagg	gtaaatggga	ttacttttat	ttctttttca	gattgtccac	ctttggtata	60
tataaatgcc	actgattttt	gtatgtcaat	tttgtatcct	gtaactttac	tgaattttatc	120
agttccaata	gn					132

<210> 2071  
 <211> 183  
 <212> DNA  
 <213> Homo sapiens

<400> 2071						
gctaacaaaa	cacgtacagg	atctctatgc	taaaaattac	aaaacgttga	tgaaaggact	60
aaaagaaaa	ctaaagaaat	ggagagggat	actatgttca	tgttttgaaa	gactcaatgt	120
agtaaagata	cagattttcc	ctaaaccaac	ttatagggtt	aattcaatac	ttatcaaaat	180
ctg						183

<210> 2072  
 <211> 376  
 <212> DNA  
 <213> Homo sapiens

<400> 2072						
gcggggcggat	cacctgaggt	caggagtcca	agtcacgcct	cgccaacgtg	gtgaaacccc	60
atgtctacta	aaaatacaaa	aaaaattagc	cagacatggt	ggcgggcacc	tgtaatccta	120
gctaccgcga	aggctgagac	gggaatcact	tgaacctgtg	aagcagaggt	ttcagtgagt	180
ctagattgca	ccattgcact	ctagcctggg	caacagaact	agaccccatc	ttaaaaaaaa	240
aaaaaagggtg	atccccaaaa	aaggggggtt	ttctaaatct	tagtggaag	gccaccatga	300
ttaaagtata	caaacttttt	gaagcaaatt	aaatttttat	ttcttttaat	ccaaagtta	360
aatttgaatt	aaacc					376

<210> 2073  
 <211> 438  
 <212> DNA  
 <213> Homo sapiens

<400> 2073						
tctctttttg	aggatcccat	cgctctaat	tccgttgctg	tcgggcacac	acctgtagtt	60
tcagttttctc	aggaggctga	cgcgaggagga	ttggcttagc	ctgtgaggtg	gaggccacag	120
tgagctgtga	ttgcgccact	gtactccacc	ttgggagaca	gagtgaagacc	ctgtctgaac	180
aacaaaaaag	aattgtggcc	agtcatggta	gtcacatct	gtaatcccaa	cactttggga	240
agctggggcg	agtggattgc	ttgtgggttac	gaggtcagga	tcagcctagg	caacatagca	300
aaaccttgtc	tctctacca	caagaaaaag	aaaaagaaaa	aaaattaacc	aagtgtgatg	360

gagcacacct ggtggaaagc cctaactact cggggaggct tatctgggag gaataattgg	420
agccccagag gttttggg	438

<210> 2074  
 <211> 376  
 <212> DNA  
 <213> Homo sapiens

<400> 2074	
tacggctggtt agaatacgac agaagggagc accttgggag gccagaggca ggaggatcac	60
ttgaggccag gagttcaaga cgggcctggg caacataatg agaaccatc tttacaaaa	120
aaataaaatt acattaaaaa ttagctgggc acggtgacgt ctgcctgagg tcacattcaa	180
gaagctgatg tgggaggatc gcttgagccc aggaattgga ggctgcagtg agctaagatc	240
ataccactgc acttcagcct gggcgtcaga gtgagaccct gtttctaaaa taataataat	300
tttaaaaaat gatatttatg gttgcattgg gaaaagatca atctattaat atatgtgaag	360
acatttttgg cctaaa	376

<210> 2075  
 <211> 367  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(367)  
 <223> n = A,T,C or G

<400> 2075	
tacctacttc gattgcgaca tgacaacata cagtgggtgtg tttacccaag ccacgactta	60
aaggcagagg acaagatgct atatttgtga aatgagacat gctatggctt tattagatac	120
cgtactctgc tgcaagacca caatgtacgc atcgacggtg gccttcattt tatgttgacg	180
aatgaatccg acgtatagga agtctttcan gatattatcc aggagaactt cccaaccta	240
gcaaggcagg ccaacattca aattcaggaa ataaagagaa caccacaaag atactccttg	300
agaagagcaa ctccaagaca cacaattgtc agatttacca aggttgaaat gaaggacaaa	360
atgttaa	367

<210> 2076  
 <211> 331  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(331)  
 <223> n = A,T,C or G

<400> 2076	
ggtaccacta gaaaaatcca cccaaattaa taagagaaaa agaaacaaag aatacataaa	60
gcaagaaaac aaccatacga cagaaacaaa cctgtcatat aatcgacctca aatgcaaata	120
ggttaaattgc tccagaaaca gaacggctga atatatttta aaaacatgat ccaactaaat	180
gctgcttacg agaaactagc cttgtcagta aagacacata tgaaccgaaa ttaaagggat	240
ggaaaaaat attttgtaca aattggaaac caaaagtgc cagaagctac agttatatca	300
gataaaatag actttaagtc aagaaaggta n	331

<210> 2077  
 <211> 135  
 <212> DNA

<213> Homo sapiens

<400> 2077

aggcgctggt	taaaagaggc	ctaaccctcg	gcttttagatt	tacagtccag	agcttcactc	60
atccatttta	cctgaccccc	aagggttttt	tgggaaaatt	ggggggcggg	gggccttttt	120
ttagcgaaaa	ccagg					135

<210> 2078

<211> 305

<212> DNA

<213> Homo sapiens

<400> 2078

taaccaatag	gccaaagaag	aaataacaag	agaaattaga	aaacacttag	agttaaatta	60
aaatggaaaag	acaacttacc	caaacttaca	ggatatagtt	aagcagtgct	caacaggaaa	120
tttatagctg	taagtgttta	cattaaaaaa	gaaacatctc	aaatcaataa	cctaaattta	180
catcttaagt	aactagaaaa	agaaggcaat	actaaacccc	aaaccagaaa	gaagtaaata	240
aagattaaag	ttaagataaa	taacatagag	aatagaaaaa	ttagagagaa	tcagcaaaac	300
ccaag						305

<210> 2079

<211> 339

<212> DNA

<213> Homo sapiens

<400> 2079

gtctcgctct	attgcccagg	ctggagtgcg	gtggcactat	ctcagctcac	tgcaacctct	60
gcctgctggg	ttcaagcaat	tttcgtgcct	cattctccca	ggtagctgag	attacagatg	120
tggggcacca	caccaggcta	atTTTTgtat	ttttactaga	gacgggggga	tacagggctg	180
gcccgaactca	cactgagctg	taagactaca	ggccgggata	caaggtgaac	tacaaggagg	240
tgggtggaagc	tcgaaccact	cgataaacac	cacccttgct	ggtagtgggc	attgtgctct	300
cttggaacc	cttgatggct	cccaccttca	aactgcttc			339

<210> 2080

<211> 343

<212> DNA

<213> Homo sapiens

<400> 2080

aacaacctaa	cataaaaact	acaggaagta	gaaaagaaag	agcaaaccac	actcaaagct	60
agcaaaagac	aataaataac	caaaattgga	gaagaagtga	atgaaattga	aacacaataa	120
aattacaaaa	cagatgaatc	taatggtggt	tatttgaaag	attagataag	attgataaac	180
ttctagctat	actaatgaaa	aaaagagaga	agatttaaata	aaacacaatc	agtaatggca	240
aaggggacat	tatcactgac	cccacaaaaa	cacagaaaac	cctcagagac	tactacaaac	300
acctctatgc	acacaatgta	gagaaccttc	aagagatgga	tag		343

<210> 2081

<211> 381

<212> DNA

<213> Homo sapiens

<400> 2081

aatcccaaca	ctgggcagct	gaggtgggtg	gataccttga	gccagaagg	tcgagagacc	60
agcctaggca	acatggtgaa	accccgctct	tactaaaaat	tcaacaataa	aaaaattagc	120
tgggcgtggt	ggcaaggacc	tgtggtccca	gctactcttg	gggctgagg	cgggaggatc	180
aattgagcct	gggaggtcga	ggctgtgggt	agtggtgacc	acaccacttc	actccagccg	240
gggtgacaga	gcaggagaac	tgtcacctcc	tggggaccct	gtttccctcg	ggtattcaaa	300



aatctcccaa agggaggcaa gcatgggcta cgcagaagaa ctctcagtaa ggactgctga	360
gtctcttcat atgagctgca g	381

<210> 2082  
 <211> 411  
 <212> DNA  
 <213> Homo sapiens

<400> 2082	
ccaggaacag gtgacgtgtc tgatgttggc ctagggaagg gacggtacta cagtgtaaat	60
gtgcccattc aggatggcat acaagatgaa aaatattacc agatctgtga aagtgtacta	120
aaggaagtat accaagcctt taatcccaaa gcagtgggtct tacagctggg agctgacaca	180
atagctgggg atcccatgtg ctcccttaac atgactccag tgggaattgg caagtgtctt	240
aagtacatcc ttcaatggca gttggcaaca ctcatcttgg gaggaggagg ctataacctt	300
gccaacacgg ctcgatgctg gacatacttg accggggtca tcctagggaa aacactatcc	360
tctgagatcc cagatcatga gtttttcaca gcatatggtc ctgattatgt g	411

<210> 2083  
 <211> 401  
 <212> DNA  
 <213> Homo sapiens

<400> 2083	
cgttgctgtc ggcgggtggca ttacctttgc agaccaaggc tgatgcaaat cgtactgccc	60
ctagtggaa gaaataccga catcctgggg cttctgaccg tccacagcct acagcgatga	120
attcaattgt catggagact ggcaatacca agaactctgc actgatggct aaaaaagccc	180
ctacaatgcc aaaaccccag tggcaccac cgtggaaact ctacagggtt atcagtgggc	240
atcttggtct ggttcgatgt attgctgttg aacctggaaa tcagtgggtt gttactggat	300
ctgctgacag aactataaaag atctgggact tggctagtgg caaattaaaa ctgtcattga	360
ctgggcatat taagactttg cgggggggtg taattagccc g	401

<210> 2084  
 <211> 219  
 <212> DNA  
 <213> Homo sapiens

<400> 2084	
ggactatgag aatcgaaccc atccctgaga atccaaaatt ctccgtgcc cctatcacac	60
cccattccgaa aaaaaaaaaa aaaaaaactt tggggggcgt tttttacgta aatccaaact	120
ggataaagac cttggaggag ttggggccaac ccccccttg aaggcgggga aaaaagggct	180
tatttgagaga aattggggag gctatgggct taatttggga	219

<210> 2085  
 <211> 344  
 <212> DNA  
 <213> Homo sapiens

<400> 2085	
ttatttcact atgatctgca attctgtttt aattaaatgt tttatacttt ttgacatatt	60
tggccagctt tctcaatgtc agagttctaa atgaagtctt ttcaacctag aattatcttt	120
gagattttct agttgggctc ctggagagcc tcaaacaatg tatttttcag cttgtagagc	180
tgtaaacta attagccttg tttgatgtat tgagttgtat gagaagcgtt ggaggcacag	240
atgggatcaa ataacaaagt gacactaagt cttctctaag gtatatttat atggctatgt	300
tattgatgtg aaagatctaa aaattatgta aaatttataa atgg	344

<210> 2086  
 <211> 367

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(367)  
<223> n = A,T,C or G

<400> 2086  
ggctcttgaac tccagacctt ggggtgatctg cccgcctctg cctcccaaaa tgctgagatt 60  
acagacgtga gccactgtgc ccggccgcct gagacatttt gggcaacatc tgtgacagaa 120  
gaaatgtgca tcctttccgg gcaggggatt taagaagcgg ctcatggctg aatatggat 180  
ctttgcatct gtctgtggaa ctgcccggagc atcttctggg ataagggaact acctgtatga 240  
gtcttgtaat gtgttctaac cacgcgcact cccctgtgct ccctatcac catgactatt 300  
cacttgaaag cctgatgggc ctacgccctc ttctgtagcc tgtggaggcc caaatgttt 360  
cattgcn 367

<210> 2087  
<211> 378  
<212> DNA  
<213> Homo sapiens

<400> 2087  
gttctccaac catatggaat cataacagaa atcaaaacac aaagttaact ctctaaatac 60  
atgaaaatta agcaacatac ttctagaaaa tccttggatc agagtcacac aaaagaaata 120  
tatagcactg aattagaatg aaaataaaaa catacgaaca tatgtgggat ataactaaag 180  
gattgctgag aagaaacctc atagcactag atgcttacat caaaatagag gaaggaattc 240  
aatcaataa ccaaaattct gacctaaaga acctagaaaa agaagagcac attaaactcaa 300  
agcaagcaca agtaataaccg gtaataacag aagtcaatgc gaaagaaaaa cctgagagaa 360  
aatgatataa agtcaatt 378

<210> 2088  
<211> 340  
<212> DNA  
<213> Homo sapiens

<400> 2088  
tagcactcca ctgcagtat gcacagatca tccaaacaaa aaaaaaaaaat cagagttaaa 60  
ctacccccta aacctagtgg gtctaactga catttataga acatttcacc caactgtggc 120  
aaaaaacaaa ttcctttctt taaaacatga acatttccca gattaaacct tattttaaac 180  
tacaaaacaa gtctcaaaga gttcaaagaa gtaaaaaatca cctcaggtat cacttgggac 240  
cacattgaaa taaaactaga aatcattacc caagcgaatc tcaaaagctt cataaacaca 300  
tggaattca acaacaggct tttgaacata ttaaggcaat 340

<210> 2089  
<211> 337  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(337)  
<223> n = A,T,C or G

<400> 2089  
ggtaccacta gaaaaatcca cccaaattaa taagagaaaa agaaacaaag aatacataaa 60  
gcaagaaaac aaccatacga cagaaacaaa cctgtcatat aatgcctca aatgcaaata 120

ggttaaatgc	tccagaaaca	gaacggctga	atatatttta	aaaacatgat	ccaactaaat	180
gctgcttacg	agaaactagc	cttgctcagta	aagacacata	tgaaccgaaa	ttaaagggat	240
ggaaaaaaat	attttgtaca	aattggaaac	caaaagtgac	cagaagctac	agttatatca	300
gataaaatag	actttaagtc	aagaaaggta	aaagacn			337

<210> 2090

<211> 365

<212> DNA

<213> Homo sapiens

<400> 2090

gtcacaagaa	aggggaagctt	atccattaag	gaaattgagc	cccaaattag	gaacgatcgg	60
gcaataaaaa	ctccaggcct	agatgacttc	cctgggggaat	tccaccagac	actgaaggaa	120
gaaaggatcc	cagtcttaca	tcaaactctc	cagagaagac	agaaagcagg	aacactgtct	180
aactcatggt	atgagtctag	caaaaacttta	atgctaaatt	ctgatgaaga	cattacaaca	240
aagaaacatc	atgggtcaac	tcttcccatg	aaaatggatg	tgaaaatcct	taaaaatatt	300
agcaagtcaa	ataaaacaat	atcacaca	agtggtgattt	atttcaaaat	gcaagggttg	360
gtgag						365

<210> 2091

<211> 335

<212> DNA

<213> Homo sapiens

<400> 2091

gtcagtgcgg	tcacatactt	ccagaagagc	ggaccagggc	tgctgccagc	acctgccact	60
cagagcgcct	ctgtcgctgg	gacccttcag	gtaggacagc	tcccaatgct	gtggggactc	120
tcagcaaaac	ttctccttcc	tttccacggc	tctgcttctt	ctgacctcat	cttagttttg	180
ctttttcttt	tcttccctcg	ctatttttct	atgacctctc	aagaaccaag	tccttgaaac	240
ttttggctca	aagtggatac	agagacaact	ttttctagaa	agttcagaaa	agtgtatttt	300
gaggacggag	tctggggaaa	tcaatgggat	ggggc			335

<210> 2092

<211> 129

<212> DNA

<213> Homo sapiens

<400> 2092

taccatctac	tacggaggct	gaagcaggag	gatcacttga	gctgggaggt	cgaggctgca	60
gtgaactgtc	atcgtgccac	tgcatttcag	cctgggtgac	tgagcaaaat	caaaaaagg	120
ttgggcgtg						129

<210> 2093

<211> 328

<212> DNA

<213> Homo sapiens

<400> 2093

acgacagaag	ggaatacatt	taaccaaggc	agtaaaagat	ctctataagg	agaacaacaa	60
aacactgctg	agagaaatca	tagatgacac	aatgggaaaa	atatttcata	cacatagatt	120
aaaagaatca	atatcattaa	aatggccata	ctgcccaaag	caatttacag	tttcaatgct	180
attcctatca	aactaccaat	gtcatttttc	acagaactaa	aaaagctatt	ctaaaaattca	240
cagggaatca	aaaagaagcc	caaatagcc	aagcaatcat	aagcaaaaag	cacaaagctg	300
gagacatcaa	attaccagac	ttaaaact				328

<210> 2094

<211> 344

<212> DNA

<213> Homo sapiens

<400> 2094

tattctcctg	cctcagcctc	ccgagtagct	gggattacag	gtgccgacta	ccacacccag	60
ctaatttttt	gtattttttt	ggtagagacg	gtgtttcacc	gtgttgcccc	cgctggtttc	120
attctctcga	cttcaggcga	ttcacctgcc	tcggcctacc	taagagggtg	cattactggc	180
tggatgctcc	gcgcccggtc	agaagcctct	atTTTTTaaa	agcccattag	cttagacaac	240
gctttaccct	tccttcattt	tcccctaaga	tcctgaggct	ttgtcgaacc	taatgaacat	300
catgggacca	ttggatcggc	ccttaagcct	tttggaaga	catg		344

<210> 2095

<211> 309

<212> DNA

<213> Homo sapiens

<400> 2095

agtgctgtag	ggcctcttct	ccaaaagtct	agattctgat	aactccattc	tcttcccttt	60
gttcccataa	ccccagggag	agtagctggt	tcctaaagtc	agtgtcccat	ctttgctttg	120
tcaattctct	aatattttatc	aatttccttg	tattagatcc	tctcttttaa	aataccaagt	180
gtgaggaggc	tgggtgcagt	ggttcattgtc	tataatccca	gtatttgga	ggctaaggcg	240
ggaggattac	ttgagcctag	gaattcaaga	ccagtctggg	caacatagt	agatctcgtg	300
tctaaaaat						309

<210> 2096

<211> 333

<212> DNA

<213> Homo sapiens

<400> 2096

tcaagcaatt	ctcctgcctc	agcctccaga	gtagctgaga	ttacagacat	gcgccaccac	60
accgggctaa	tttttttttt	tttttttaag	gggagacggg	gcttttcctt	gtggggcagc	120
ctggccttga	actcctgacc	acggtgggga	agaaagctga	agccgacaag	aatgataatg	180
ccttagaaga	ccttcagctg	ctgatgtttg	aagccagcct	tactatctgt	gggaataacc	240
ttgatgatcc	cccaacccac	tggaaaccgc	tttattgaaa	ggtcaaacag	aggctctgta	300
ttggcgaaga	ggcaatggca	cctgaaggaa	ccc			333

<210> 2097

<211> 292

<212> DNA

<213> Homo sapiens

<400> 2097

aagttctaatt	cagagtaatc	agacaagaga	aagaaatata	gggcatccct	acaggaaagg	60
aagaagtcaa	accatctctt	tgctgatgat	attattctat	atctaaaaaa	ccctaaagac	120
caaaagtctc	ctaaatttga	tgacttcagg	aaagtctcag	gatacaaaat	caacatacaa	180
aaatcagtag	catttctata	caccaataat	atgcaaactg	agagccaaat	caagaatgca	240
atttcatttg	cagtagccac	acacacaaaa	ataaaatacc	taggaataca	tc	292

<210> 2098

<211> 398

<212> DNA

<213> Homo sapiens

<400> 2098

cgttgctgtc	gcatttacag	aatttttttt	gttaaaaaaa	actgtagaaa	tgaaggcttg	60
ttattctcat	ttccattaca	taaatggttg	ctcaaagtgtg	aatttctaatt	ttatcatagt	120

ttatggtgat	acattaagag	actaatgtgt	catttgtgtt	ttgatttcta	cattctagag	180
agacagttta	atcagtcctg	gaccaaaatc	aaacagagta	aactgtgtca	tcattggagat	240
ctgcccagga	aatccccaaa	atacagaagg	atcagaagta	gatggaaata	atgtcataga	300
acgtctctca	caactgtgtt	ataagaatga	caggggaagct	acaggttaca	acagatttgt	360
gaactcagcc	aagcacagtg	gtggcagggc	ctagctgc			398

<210> 2099  
 <211> 324  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(324)  
 <223> n = A,T,C or G

<400> 2099						
acacagatac	acacaacact	cctctaaaca	ccaccaaaat	agacattctt	ctcaagtgcc	60
tatggaacaa	tcttcaggag	agagcacatg	ttaggctaca	acacaagtct	tcacaaattc	120
aaaagaaatt	gaaatcatat	aaagtatttt	tgacaataac	tataaaataa	aactaaaagt	180
caatattata	aagaaaatgg	gaaaatccac	aaatacgtag	aaattaaaca	acatactctt	240
caatgaccaa	aaagtcaagg	aaaaagacac	aaggaaagtt	gtaaaataca	tcgattattc	300
tatcttcttg	gtgaattagc	caan				324

<210> 2100  
 <211> 389  
 <212> DNA  
 <213> Homo sapiens

<400> 2100						
cggtgctgtc	gattcaagtc	ctttgcctat	ttttttcttt	ttttgaggag	aatcgcttga	60
acctgggaga	aggttgcagt	gagcagagat	catgccactg	cactccagcc	tgggcaacag	120
agcaatattc	tgtacaaaaa	aaaaaccagg	acaaattgaa	aaaaaaatgg	aagcggggca	180
tgggggctca	catgttaaat	cctacctagt	tgggaggctg	aaatgggagg	attgcttgag	240
tcccgggggt	caaggctgga	gggagctatt	atggtaccac	tgtgctccag	ccagggcaac	300
aaaggagac	cctgctgtat	cttaaaaagg	aaaaagggtg	gggcgtgagg	gttcacgcct	360
gtaatcccag	cactttgaga	cgccaaggg				389

<210> 2101  
 <211> 336  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(336)  
 <223> n = A,T,C or G

<400> 2101						
atatgatata	tcaacttaag	ttatttttaa	taactttaca	gacacattga	aaacaagtaa	60
caaatgttaa	tcctttgtga	tcattatttt	aaatgtaaat	agatttagact	ccctagtcaa	120
aagactagag	tggctgaatt	ctgaatggat	taaaagaaag	aaaaagaaag	attcgatttt	180
aaactttgta	aaggaaactc	acttttagatt	taagatcact	tacaggctga	aagtgaatgg	240
atggaaaaac	acattctgtg	caagttgtaa	ccaaaagaga	gcagagatga	ctntacttat	300
atgagacaaa	ataaactttg	aaaaacactg	tcaaat			336

<210> 2102

<211> 327  
 <212> DNA  
 <213> Homo sapiens

<400> 2102  
 tctagcagta gacagtatat aacttagagt caagaaatgt tgggccaggc gcggtggctc 60  
 acgcctgtag acgaaaggct cccggagtga tgatcgtcta gagacttgat agaacatgga 120  
 agggggacgt tgccacata tatgcaaata tattgcactg gagatattgc agacataaag 180  
 gaaatgggta ctgttcataa aagaatgcc cacaagtgtt aaaaatgtgc ctgataaaat 240  
 ataagtgact actggcctgg agcagtggct cagcctgta atcctagcac tttgagaggc 300  
 caaggcaggt ggatcacctg aggtccg 327

<210> 2103  
 <211> 331  
 <212> DNA  
 <213> Homo sapiens

<400> 2103  
 ggggcagtat atctttgtta attgcccctc aatctctctc ctggaatggc atccttttac 60  
 tttgacctct gctccagagg aagattttct ctccattcat atccgagcag caggggactg 120  
 gacagaaaat ctcataaggg ctttcgaaca acaatattca ccaattccca ggattgaagt 180  
 ggatgggtccc tttggcacag ccagtggagg tgttttccag tatgaagtgg ctgtgctggg 240  
 tggagcagga attgggggtca ccccctttgc ttctatcttg aaatccatct ggtacaaatt 300  
 ccagtgtgca gaccacaacc tcaaaacaaa a 331

<210> 2104  
 <211> 319  
 <212> DNA  
 <213> Homo sapiens

<400> 2104  
 aggctgaagt gcagtgatgc gatcatgact cactgcaccc tcaacctcct gggctcaagt 60  
 gatcctccca actcagcctg ccaaggggct ggtaccacag gaatgcaatc ataaacttct 120  
 gggctcaaat gatgactctt gatattgggtac tcccaaagag caggaactac acgcatgagc 180  
 cactgagcct ggctggaact aaacagatca cactgtgcta aaagaaaata tttcccacgt 240  
 attacttcta acagctgtta cacaatgcg tctaggttca taaactatat cacttgtaaa 300  
 attcccttta taacgtca 319

<210> 2105  
 <211> 332  
 <212> DNA  
 <213> Homo sapiens

<400> 2105  
 ggagttcaag gttacagtga gctatgatca tgccactgca ctccagcctg ggcaacagag 60  
 caagacttgt ctctaaaaaa taaaaataaa ggtgagatgc acaggacctg tgtgtagaat 120  
 gttatatgag taaggaaata tagtctaaag tggaaaataa aaagggtata gcaggcattt 180  
 aaaggagac aggaagagca agtggataga aaagtatttg aagagttagg gaacaaggga 240  
 gtaacacctg acttgcttct cagtctaccc gaagaatctg taaatcacca ggcattggtg 300  
 ctcatgcctg taattccaac actttacgag gc 332

<210> 2106  
 <211> 193  
 <212> DNA  
 <213> Homo sapiens

<400> 2106

agacaaaaaa	ggaaggaatc	gaacccccca	tagctggttt	caagccaacc	ccatggcctc	60
catgactttt	tcaaaaaaat	agaaatgaat	actataatga	gggggcgctt	ttctcttgaa	120
tccccaaatt	tagaaaacct	ttgggggggtg	ggggccccc	ccccttttta	tgggggggaa	180
aacatttttt	ttt					193

<210> 2107

<211> 378

<212> DNA

<213> Homo sapiens

<400> 2107

ttccaacctt	ccttttttta	aattttctcc	agtcacctggg	agcaagttgc	agtctttttt	60
ttttttttcc	cttttgggcc	caacccccct	tgttttaagg	gccttttttt	taaccccagg	120
ggcccaaatt	aaatgggggg	gaaaaccctt	ggcccaaaaa	ccaggggaaa	aaaatcctta	180
cccctttttg	gtcaaaaagta	atttttaacc	cttccccctt	gaacaaaaac	cggtgggaaa	240
caaccccccc	cgaccttggg	gaaaaaaaaa	aaaacctgcc	ccctttcttt	ttgtggaaac	300
tggagggggc	gaagcccccg	ggaaaaagcc	aaaaaacccc	aacctttttc	cccccttcct	360
gggaaaatgg	gccccaaa					378

<210> 2108

<211> 343

<212> DNA

<213> Homo sapiens

<400> 2108

tctgcaggct	gcagtgcaat	ggcatgatca	tagctcactg	cagccttgaa	cccctgggct	60
caagtgatcc	tcccacttta	gtgtcccaag	tattaaatag	ctggcattac	agacatgtgc	120
caccatgcct	ggctgtttct	cgtttttttt	agagatggga	tctcactatg	ttgccaaggc	180
tggtctcgaa	cttctggcct	caaatgatct	tcttgccctg	gcccccaaaa	gagctggatt	240
acaggagtga	gctactgtgt	ccagcctaatt	cttcgttctt	ggagtcaagt	tgtgtaggct	300
ttgttttttg	ctttgtcttt	ttttttttcc	cccaccctaa	gtg		343

<210> 2109

<211> 147

<212> DNA

<213> Homo sapiens

<400> 2109

cggtacgggt	gcgagaaaac	aacagaaggg	gctctttccg	ccatctttcc	gcgccgccac	60
aatggtgcgc	atgaatgtcc	tgtcagatgc	tctcttgagt	atccacagtg	ccgaaaagag	120
aggcaaacgc	catgtgctta	ttatgcc				147

<210> 2110

<211> 382

<212> DNA

<213> Homo sapiens

<400> 2110

ggcacgagct	ggaatcctgc	tatggagtta	gatcatgtcc	taaccttcag	ctcaggcagc	60
tctaggcctg	cttcccgccc	acctggatgt	cctgcttttg	gccaaagtcag	cttgtctcag	120
gtctggtctc	tccctcccatc	catgtcgggt	cccccaacc	ccctacaaca	atagtgtctg	180
aactagagac	tctttctcgg	ccagcttctt	ggcaaagggt	ttaaataaca	catgcctctg	240
gctgggttct	gtgctctgcc	agtcagatgg	ccctcgtcag	cctcatccac	tttattctta	300
cccctctttt	caggcttcac	cctgaagaac	tgggaggccc	tccactgaag	aagctgaaac	360
aagaggttgg	agaacagagt	ca				382

<210> 2111

<211> 460  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(460)  
 <223> n = A,T,C or G

<400> 2111  
 ctactaaaca agctacgcag gactttctgc aagatcccat cgattcgtag ttccgtagct 60  
 agtagcaact acccactcac ctatccaccc atccacctac ctatttgtca cccatccacc 120  
 catccatcca tccaatcacc catccaacca tcaatccaac cattttcatc tgttcatttt 180  
 ccatccatct acccgctccac ccattcactc ctccatccac ctacctatcc atttatcacc 240  
 catttaccca tccatccatc catccttcca accatttatc caccatcca aacatttcca 300  
 tctgtttttc catccatcta cccatccacc cattcactca tccatccacc ttcctatcca 360  
 tttatcatcc atctaccac tcacccatcc atccaacctt ccaaccattt atccacccat 420  
 ccaactattt ccatctgttc attttccacc cattttaccn 460

<210> 2112  
 <211> 385  
 <212> DNA  
 <213> Homo sapiens

<400> 2112  
 cgttgctgtc gttcaatttc ttgaatgttt taagacttgt tttgtgaacc taacatatgg 60  
 aatatcctac agaatgatcc atatgctgag gagaagaatg tgtattctgc agccattaga 120  
 tgaaatgttc ggtaaatata tattaggtcc gtttggtctt tagtgcagat taaatccagt 180  
 gtttcttttg tgattttctg tctggaagat ctgtctgttc aatgctgaaa gtaggggtgtt 240  
 gaagtctcca gccattatcg tcttgagatc tctgtctctc tttagttcta atatttgctt 300  
 tatgtatctc agtgctccag tgatgggtac atatatactc acaatcattg tatcctcttg 360  
 ctgcattgac tgcattatca ttata 385

<210> 2113  
 <211> 333  
 <212> DNA  
 <213> Homo sapiens

<400> 2113  
 ggatttatcc ctgggatgca aggatgggtc aacatatgca aattaattaa tgtgatatat 60  
 ctcatthaaca gaatgaaaga taaaaattac atctcaatag aagcagaaaa aaatttgaca 120  
 aaattcaaca ctcttttaca ataagaatta tcaacaaagt atggaaggaa tatacttcaa 180  
 catgttaaga gctataatac gaaaagccca gagacaacat cacaactagt ggtgaaaacc 240  
 tgaaagtgtt tcctctaaga tcaggaaaaa ggcaaggagg ccaactcttg ctacatctat 300  
 ttaacatagt actggaaatt ctagccagag caa 333

<210> 2114  
 <211> 311  
 <212> DNA  
 <213> Homo sapiens

<400> 2114  
 atactgcttt gtgatctgtg gattcctctt acagggttaa accatttttt ttgattcagc 60  
 aggttggaag tactcttttt gaagaatctg cgaggaaagg ttgggagccc attgagacct 120  
 atggggaata acagaatatc tccagataaa aacaagaaag aaattatctg tgcaactgct 180  
 ttgtgatgtg tggattcacc tcacagagtt aaacctttct tttgattcag catgttggaa 240  
 accctgtttt tgcattgtct gcgaagagac agttaagagc ccattgaggc ctatggggaa 300



aacccaaatat c 311

<210> 2115

<211> 313

<212> DNA

<213> Homo sapiens

<400> 2115

taaaggccag	atgttatcag	cagctgaaca	gcctctacag	aaaccagctg	caaagacaga	60
agcagaaaaa	ctggtttggt	ggagagaccc	gataacaaaa	agttgggaaa	taggtaaaaat	120
aataacctgg	ggtagagggt	atgcttggtg	ttctccaggc	caaaatcaac	agccgatttg	180
gataccatca	agacacctga	aaccttatta	tgagccagat	gctgaggaag	agattctggg	240
aggatcccaa	ggactcccca	gttgcagcca	tgctgagact	gatgctgaag	aggaccccaa	300
ctgtcacaag	caa					313

<210> 2116

<211> 355

<212> DNA

<213> Homo sapiens

<400> 2116

attaaaggaa	ctcttaggtg	aaaaatcaga	taatgaaatt	tacatctcaa	agtacagaga	60
gaatctgatg	gtgcttgagg	gagattaaaa	atgaatgccg	aatcaaacad	aaaattatag	120
aaatctatca	tagaattatg	taataagacc	aattttattt	tgctagagac	cacctatctc	180
ctaactgggt	atctgagctt	tgggcagagc	ccatgttcaa	tcctgggtct	ccaaaaagg	240
agaattctta	tgtggctagg	ccaggtgatt	gttctacagt	acatcaagga	aatcttttta	300
acaaagacat	ttctatgtgt	ctaagctata	ctattccttt	aagatccaag	agtag	355

<210> 2117

<211> 405

<212> DNA

<213> Homo sapiens

<400> 2117

cgttgctgtc	gctttttccc	agaaaacaag	gggttagatg	ttgcatttca	taaaactaac	60
cgaagttctg	tctactgatg	cagcacaaga	gatgtataaa	aaaaaaaaaa	aaaaaccccc	120
cccccggggg	aaagaccott	ttaaggtttg	gtttggtttt	tttttttggg	ttgggttttt	180
ggttttttta	cctcagggaa	aaacctggaa	aaggggcaaa	acctottatt	tggatttttt	240
attagggggc	ctttttttaa	aaaaaggctc	cactgggaaa	ggaaaaaggg	gggggggggg	300
gggaaaaaaa	aaaacttttg	gggtaggggg	atataaaaaa	attttggccc	tttggttcaa	360
aaaaccgcga	ttttaaaaaa	aaaaaaattc	ccaccccaac	caccc		405

<210> 2118

<211> 386

<212> DNA

<213> Homo sapiens

<400> 2118

ggcacgaggt	ttactgggtg	agagaaccat	tgaggagact	ctcctaaaga	aaatttgtag	60
gggtgtcttt	gtccaagaca	ccccccagaa	tctaaaaatg	ctgcgtatag	tggaacctta	120
tgtgacctgg	ggatttccaa	atctgaagtc	tgtgcgagaa	gcatttttga	aacgtggaca	180
agccaagggt	aagaataaga	ccatccctct	gacagacaat	accgtgattg	acgagcacct	240
ggggaagttt	gtcgtcattt	gcttgggaag	cctcattcat	gaaattgcct	tcccagggaa	300
gcatttccag	gagatctcat	gggtcttgcg	ccctttccac	ctctcagtgg	cccgtcatgc	360
taccaaaaaat	agagtgggct	ctctca				386

<210> 2119

<211> 350  
 <212> DNA  
 <213> Homo sapiens

<400> 2119  
 atagttgttc acactgagcc tctagcagtt catcaattac agttcagggt tcttatggaa 60  
 gtttgctgtg tgagtgtttc tgctctgatt actcgtgatt ctccgtattc accttctgtc 120  
 tctccagttt gggggcagct gtttgacctg tgacttaact tctcttacag atctaagaaa 180  
 agttgttgat ttttcagttt gttcagcttt ttacttgctc ttaggatcga gttgactgat 240  
 ctcttctcgc ctgcttcttt ttgtgttccc tttttttttt atactcaact tctttctctc 300  
 tttatttgct cgcgtcctgg ttctcatcga ttctctcttc tccccctcct 350

<210> 2120  
 <211> 323  
 <212> DNA  
 <213> Homo sapiens

<400> 2120  
 attgagagct ataacaagaa ggcaaagtat cttcttgtgt gacctcagct gggaacatgc 60  
 acattgagag actcaaacct tttgctgccc cacacacatc catgaataac tacaacagtg 120  
 ctgcaagtat tgatttgggg gttttgaata aatttttaag agcagataaa tttgcaaata 180  
 cagaatctgc aaataatgag ggtcactggg atttggtgct ttttcgagaa tgggtggaag 240  
 acggcactca gctgggactg tccaatgggg agaggccat gtgtggccct ccaacatgtc 300  
 acagggcact tggacttctt att 323

<210> 2121  
 <211> 317  
 <212> DNA  
 <213> Homo sapiens

<400> 2121  
 aggtagataa acggatggac agatgctggg tgaatggatg ggtggataga tggataaatt 60  
 gatatatgga tggatgagta gatacatggg tagatgggtg gacgaatata tgagtggact 120  
 agtaaattgg tgagtgaatg catggatgga tggatggata ttttgacgag ttaatatata 180  
 ttttggatgt ttaaggatat ttattttttg tatattggat tttattttat ttatttttgt 240  
 ttttttgtat attattttata ttttttgttt tttttataaa tatgtttgtt ttgatatttg 300  
 cgggtgtgttt atttttg 317

<210> 2122  
 <211> 387  
 <212> DNA  
 <213> Homo sapiens

<400> 2122  
 attctgtaca cacagcctat ggggtagccc tgctccacag ttgcggttgt aactgctgc 60  
 ttcaataaaa gttgctgttt aacactacca gctcaccctt gaattctttc ctgggtgaag 120  
 ctaagaaccc tcccacgcta atccgcgatt ttggggcttg cctgtccttt caataggaca 180  
 ttgctaaatt gctctctaga attgcttttc caggttgggc gcagtggctc acatctgaaa 240  
 tcccagcact ttgggaggct gaggcaggca gatcacctga ggtcagggtg tcaagaccag 300  
 cctggcctac atggcaaadc cctgtcttta ctaaaaatac aaaaattagc tgcgcagtgt 360  
 ggctatgcc tgtaatccca gctactt 387

<210> 2123  
 <211> 328  
 <212> DNA  
 <213> Homo sapiens

<400> 2123  
attctgtaca cacagcctat ggggtagccc tgctccacag ttgcgggtgt acactgctgc 60  
ttcaataaaaa gttgctgttt aacactacca gtcaccctt gaattctttc ctgggtgaag 120  
ctaagaaccc tcccacgcta atccgcgatt ttggggcttg cctgtccttt caataggaca 180  
ttgctaaatt gctctctaga attgcttttc caggttgggc gcagtggctc acatctgaaa 240  
tcccagcact ttgggaggct gaagcaggca gatcacctga ggtcagggtg tcaagaccag 300  
cctggcctac atggcaaatc cctgtctt 328

<210> 2124  
<211> 343  
<212> DNA  
<213> Homo sapiens

<400> 2124  
gactttcaga gacaaacaaa agctgaggaa atttatcaac accagacatg tcttacaaga 60  
aatgataaag ggagttcttt aatctaaaat aaatggacac tagatgcaac aagaaaccgt 120  
ctgaaggat tgaactccca ggtaaaagaa agaaaataga caaacttaaa atactcctaa 180  
tactgtaatc gggataagta aatcatatat cctatgtatg aagactaaaa gacaaaaatg 240  
ttaaaaataa ctgcaggcca ggtgcggtgg ctacgcacca gtaatcccag cactttggga 300  
ggttgaggcg ggcagatcac gagatcaaga gattgagacc agc 343

<210> 2125  
<211> 318  
<212> DNA  
<213> Homo sapiens

<400> 2125  
gagtgcggtc acataacttcc agaagagcgg accagggctg ctgccagcac tccactcaga 60  
gcgcctctgt cgctgggacc cttcaggtag gacagctccc aacgctgtgg ggactctcag 120  
caaaacttct ccttcctttc cacggctctg cttctcttga cctcatctta gctttgcttt 180  
ttcttttctt ccttcgctat ttttctatga tctcttaaga accaagtcct tgaaactttt 240  
ggctcaaagt ggatacagag acaacttttt ctagaaagtt cagaaaagtg tattttgagg 300  
acggagctct gggaaatc 318

<210> 2126  
<211> 302  
<212> DNA  
<213> Homo sapiens

<400> 2126  
ccatccatcc atcctttcag ccagccagcc agcctgcctt ctgtctaacc attaatecac 60  
tcagccacct atccacccat ccatccatgc attcagtcta tccatccctg catccaatcc 120  
atcctttcat gtatctgtcc gctcatccat ccaccattc atctgtccat tcaaccaccc 180  
acaaatctac ccatccatgt gtgggagagc atgatttaac tcatatataa acaatttata 240  
attactgtga taagagctgc aaagggaata aacatggtat taaaggataa tagtcactag 300  
tg 302

<210> 2127  
<211> 347  
<212> DNA  
<213> Homo sapiens

<400> 2127  
catatgcaga agacacctac cttgtacat atataaaaat taatacaaag attaaaaatt 60  
taaatgtaag accacagact ttatgcaccc tagaagaaaa cctaagaaac accattctgg 120  
acgtcagctt tcggaaagaa catatgacta agtcttcaac agcaattgcy acaaaaacaa 180  
aaattgacaa gtgggaccta aactaaagag tttctgcaca gcacgagaaa ctatcaacaa 240

agtatacaga cgacctacag aataggagaa aatattcaca aactatgcat ctgacaaagg	300
tctaataccc agaatctata acgaacttag gcaattctat aagcaag	347

<210> 2128  
 <211> 374  
 <212> DNA  
 <213> Homo sapiens

<400> 2128	
ttccttggtt tataaaacgt ttttcagttt gatgcaaaat gatgcgctta ttttggtttt	60
tgttggtgtt gcatttggag tcagagccaa caaatcattg tcttgaagct tttcaactat	120
gttttcttct agcagtttta tagtttcagg tcttaggttt aagtccttaa ttcattttga	180
gttggatttg tgtgtggtgt gatgtaaggg atgcatgtgg atattcattt tcttgacaac	240
atattattgac gagattgtct tttcccatc atgggttctt ggcacctttg tcaaaaatca	300
gttgacctta aaaatgtgga tttatttctg ggctctctat tcttttccat tgaatgatct	360
gtttgttttt atac	374

<210> 2129  
 <211> 387  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(387)  
 <223> n = A,T,C or G

<400> 2129	
agcactctgg gaggccgggg cgggctgttt gcttatgttc gggattttona gaccagccta	60
ggtaacatgg caaaaccccg tctctacaaa aaatacaaaa attagcctgg cctatatctc	120
cagttacttg cggggctgaa gcaggaaaga ttgcttgagc ctacgaggtc gagactgcag	180
tgagctgaga ttgtgccact ggcactgtgg cctggatgat aaagtgagac cctgtcttat	240
aaaatcaaga gaaaagagaa gaatcagtat tgtgattaat aagggagaat tccacgctgg	300
gcatggaggc tcatgcctgt aatcccaaca ctttggggagg ccgaggggggc atggatcttc	360
tgtgggcaag gattttcaga accagcg	387

<210> 2130  
 <211> 149  
 <212> DNA  
 <213> Homo sapiens

<400> 2130	
gctctcgctc ggtctttctg ccgccatctt ggttcgcgt tccctgcaca gcctcctttt	60
tattcccttc cttcagaaat gccggcgaa gccacagaaa ccgtccctgc tacagagcag	120
gagttgccgc agccccaggc tgagacagg	149

<210> 2131  
 <211> 402  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(402)  
 <223> n = A,T,C or G

<400> 2131

attccacatt	ccagccagt	ggaaaaggaa	agggggaatg	gcataccctt	tccctttaag	60
gtacacccta	ggctgggcac	agtgggtga	gccagaagtc	ccagctactc	gggaggctga	120
ggcgggagaa	tacttgagt	ccaagagttc	tgggttgtag	tgcgctgtgt	caatcgggtg	180
cctacactaa	gctcagtatc	aacatggtga	tctccctggg	agaggggaac	caccaggttg	240
cctaaggagg	gctgaaatgg	cccagatcgg	aaaggtcaaa	actcccgtgc	tgatccagta	300
gtggaatcac	tcccgtanat	agccaaaaca	ctccagcctg	ggcaacaaag	tgagaccctg	360
tctctaanaa	aaaaaaaaaa	aaaaaacacc	ctggctgggc	ag		402

<210> 2132  
 <211> 336  
 <212> DNA  
 <213> Homo sapiens

<400> 2132	
gctctgccag	ccactggaga atggacgtaa tggagccaag gatggcacca ggaagtcacg 60
ggggcagtg	ttgtctgtgt ccaggcaatc acagtattgg tgtcgtgtct cagcaggctg 120
ggggttggg	ccctggattc aaagcatcca tctgaacata ttgtcacccg tgcacccctga 180
gagagacag	ttcatggagt ggaggtgtgt ggccctggagg cccacgtag gccaccaggc 240
atgttttcca	cgaaaaccga aacttctgac gggattacta acattgggag atttccgttt 300
cttgagacgc	agtggagggg ctgcaccagc cttaaa 336

<210> 2133  
 <211> 362  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(362)  
 <223> n = A,T,C or G

<400> 2133	
gatgacttcc	cttacctact ttgtccagag gctgttcacc tgggagacct gctggtatat 60
gggccacgga	gatttgcacc cccttccccg gattctcaag tgccactaga agtctccaga 120
actgtgaatt	tattctagca cgccctgcac ttcacaagaa aaagagatct ctccttgggc 180
tcttgccggc	tcctccagga tacagcactg gagaaggcaa cttggtgttt cctatctccg 240
ccactctgga	tttgggaatc caaaccacac tccctttcta tcaactgacag cgattgaggc 300
caatgcctac	tcctttggga tgatgctcgc ctgtctcaag accgactgac ccattgttcaa 360
cn	362

<210> 2134  
 <211> 278  
 <212> DNA  
 <213> Homo sapiens

<400> 2134	
tgcggatg	atcatgccac ggcactctag cctgcatgat agagcgagat cctgtttatg 60
aagaaaaaga	gactgggcac ggtggctcac gcctgtaatc ccagcactct gggacgccga 120
cgtgggcgga	tcacgaggtc acgagatcga gaccatcctg ggcaacgtgg agaaaccctg 180
tctctactga	aaatatacca aataactggg gatggacggg cacacctgtt gcctcagttt 240
cttgggaggt	taaggcctgg gaaccacttg ggcgccgt 278

<210> 2135  
 <211> 316  
 <212> DNA  
 <213> Homo sapiens

<400> 2135  
 actggaatgg aatatttttca gatatgacca gattgctttg aggaattgaa gttgacttta 60  
 tagagctaata aaaaaaccca gtttctttgc aagtttcctg acctgtgtac cttgactgaa 120  
 aagggtacctt tacaagggtac acagtcttctt cacaagggttc ctgacctgtg gtaagtgtacg 180  
 agtggttactt tctgacgtgc ccaggaacct caagttatctt tgggacctca agaagagaag 240  
 aatttaccca attcatacag gcattgcaga cagtcaatga ttaatgacaa atccttgcct 300  
 tggttttata gcctcc 316

<210> 2136  
 <211> 340  
 <212> DNA  
 <213> Homo sapiens

<400> 2136  
 ccagctactt gggaggctga ggccggagaa tcacttgaac ccgggggggca gaggttccag 60  
 tgagccgaga tcctgccact gcactccagc ctggggcgaca gcatgagact ccgtctcaaa 120  
 aaaaaaaaaa aaaaaaatg gcccggaag gggggctaata cctgaaatc cggccccttt 180  
 ggggggcccgg ggggggggga tcacctgggg taaggatttc aagaccccc tgaccaacag 240  
 ggggaaatcc catctttccc aaaaaaccaa aatttatctg accgtggggg cggggcccttt 300  
 gatccccaat ttttttggag ggcttgaaac gggaaaattg 340

<210> 2137  
 <211> 136  
 <212> DNA  
 <213> Homo sapiens

<400> 2137  
 gagccacctc gcgcgcgcct ccaggagcaa gtatggagag gctgggtgatc aagatgccct 60  
 tctctcatct gtctacctac agcctgggtt gggctcatggc agcagtgggg ctgtgcacaa 120  
 cacaagtgcag agtggg 136

<210> 2138  
 <211> 408  
 <212> DNA  
 <213> Homo sapiens

<400> 2138  
 ggcacgagcc acggacgtcc aaaaagtcca aaccaaagga cagcgataaa gaaggaaactt 60  
 caaattccac ctctgaagat gggccagggg atggattcac cattctgtct tctaagagcc 120  
 ttgttctggg acagaagctg tccttaacct agagtgtgat cagccatatt ggctccatga 180  
 gagtggaggg cattgtccac ccaaccacag ccgaaattga cctcaaagaa gatatagccg 240  
 ccgtcagcca atccagtggg ctgcgcagcca aatttgtcat ccaactgtcac atccctcagt 300  
 ggggctccga caaatgtgaa gaacagcttg aagagaccat caaaaactgc ctgtcagcgg 360  
 cggaggacaa gaagctaaag tccgtcgcgt tcccgccttt ccccagcg 408

<210> 2139  
 <211> 322  
 <212> DNA  
 <213> Homo sapiens

<400> 2139  
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 gtacacccta ggctgggac agtggtgtga gccagaagtc ccagctactc gggaggctga 120  
 ggcgggagaa tcacttgagt ccaagagttc tgggtttagt tgcgctgtgt caatcgggtg 180  
 cctacactaa gctcagtatc aacatggtga tctccctggg agaggggaac caccaggttg 240  
 cctaaggagg gctgaaatgg ccagatcgg aaaggtcaaa actcccgctg tgatccagta 300  
 gtggaatcac tcccgtaaat ag 322

<210> 2140  
 <211> 334  
 <212> DNA  
 <213> Homo sapiens

<400> 2140  
 gactcactct gccagccact ggagaatgga cgtaatggag ccaaggatgg caccaggaag 60  
 tcacgggggc agagtttgct gctgtccagg caatcacagt attggtgtcg tgtctcagca 120  
 agctgggggt tggggccctg gattcaaagc atccatctga acatattgtc acccgtgcat 180  
 cctgagagag acagcttcat ggagtggagg tgtgtggcct ggaggcccca cgtaagccac 240  
 caggcatgtt ttccacgaaa accgaaactt gtgacgggat tactaacatt gggagatttc 300  
 cgtttcttgg acgccagtgg aggggctgca ccaa 334

<210> 2141  
 <211> 132  
 <212> DNA  
 <213> Homo sapiens

<400> 2141  
 gagccgcttg gataccgcag ctaggaataa tggaatagga ccgcggttct atttcgttgg 60  
 tttttcgagc tggggccatg actcacatgg ggtgtcgggc gtatttggat tgtttcgagc 120  
 ggagggggtgg gg 132

<210> 2142  
 <211> 321  
 <212> DNA  
 <213> Homo sapiens

<400> 2142  
 taaacttaag taaaggagtg gaaaagggca tttcatgcaa atggacacca aaaacgagct 60  
 ggggtagcaa ttcttacata agacaaaaca aactttaag caacaacagt taaaagagac 120  
 agagatgtta tataatggtg aaagtccttg ttcaacagga aaatatcaca atcctaaaca 180  
 tacatgcacc taacactgga gctcccaagt ttataaaaact atgactaata gacctaagaa 240  
 atgagataga caacaacaca ataatagtgt gggacttcaa tactccactg acagcactag 300  
 gcaggtcatc aagacagaaa g 321

<210> 2143  
 <211> 312  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(312)  
 <223> n = A,T,C or G

<400> 2143  
 ggagcactgg gccaaaaaca aaatcaagag ggaaattaaa aacattcttt gaattgaatg 60  
 acaataacag cacaacctat caaaacctct gggagcagct aacgtgggtgc aaagaggaaa 120  
 gttcgtagcc cttaatgcct acatcaaaaa gtctgaaaga gcacaaacag acaatctaag 180  
 gtcacacctc aaggaactcc agaagcaaga acaaaacaaa cccaaaccca gcagaaggaa 240  
 ggaaataacc aagatcagag cagcactaaa tgaaattgaa acaaacaaaa caacaaaata 300  
 caaaagacaa an 312

<210> 2144  
 <211> 157

<212> DNA  
<213> Homo sapiens

<400> 2144  
tccttttggg aggtgacgac ctacgggcac tttaacgtgc ctatcaccta ggatctccat 60  
aatatgtctc tagaagagga gatgaggaat ccctctacaa aacacgtgat gcggagcccc 120  
aattcctact tcctggatgt gaaacgcccc tgatgct 157

<210> 2145  
<211> 336  
<212> DNA  
<213> Homo sapiens

<400> 2145  
tgctttgagt agtaagggca ttttaacaat gcttattttt ccagtcocat aatatggaat 60  
atctttccat ttatttggat cttcttcaat ttcatgcacc agtgtttgat agtttttgtt 120  
acagagatct ttcacttctt tgggtgattc ctagggtatt tataatattt attgatttgc 180  
aaataatatt tattgatttg caaatgttga accatgcttg cattctaggg ataaatccca 240  
cttgatcatg atgaatgac tttttaatgt gttgctgaat ttgatttgct ggtattttgt 300  
tgagaatttt tgcacataa cttaattgca tttcag 336

<210> 2146  
<211> 413  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(413)  
<223> n = A,T,C or G

<400> 2146  
gactcactct gccagccact ggagaatgga cgtaatggag ccaaggatgg caccaggaag 60  
tcacgggggc agtgtttgct gctgtccagg caatcacagt attggtgtcg tgtctcaaca 120  
ggctgggggt tggggccctg gattcaaagc atccatctga acatattgtc acccgtgcat 180  
cctgagagag acagcttcat ggagtggagg tgtgtggcct ggaggcccca cgtaggccac 240  
caggcatgtt ttccacgaaa accgaaactt ctgacgggat tactaacatt gggagatttc 300  
cgtttcttgg acgccagtgg aggggctgca ccagccttaa aaagaaatca tgtgagcctc 360  
cacgaatcag cagacacagg agaaantaag ggtctgcccc ctttagtggg ttg 413

<210> 2147  
<211> 338  
<212> DNA  
<213> Homo sapiens

<400> 2147  
gtaacaaaact gtggtcaagg cagaaacaaa cagtgagatc aaatcagtaa tttaaaaatt 60  
gccaaaaacc aaaagcccgag gtctaggcag attcacagct gaattatacc agaccttcaa 120  
aaattaatgg tattaatcct attaaattat cccaaaagat tgaaaaaaag ggaatcttcc 180  
ctaacatagc tgtgaaatca gtatcacttt gacaccaag tcaggaaagg acatagaaaa 240  
gtggaaagta gagaccaata tccctgatga gtatacacgc aaaaatcctc aacaagatac 300  
cagcaaatat aatccaacag cacattaaaa ttgtaatt 338

<210> 2148  
<211> 333  
<212> DNA  
<213> Homo sapiens



<400> 2148  
 ataagcaaaa ggcccagtc ctgtcctcag gagctcatgg tccaagtcaa aatcacataa 60  
 aaacatttga gtcccccttg aaatgagtat tgttttcttg aacaaatttt caacttgctg 120  
 tagttttttt cctgatactt ttcactctgt ctttccaaga tgggatatgt ttatttagaa 180  
 attacttcac ctgggacagc tgcttctctc ttttgctcag gcccgtagca ctgcaggatg 240  
 ggcaagtgtc gtggacctca tactgctagg agtctctgta gtcaccaaca agatcagaag 300  
 tggcatgata aacagtacaa gaaagcccat ttg 333

<210> 2149  
 <211> 344  
 <212> DNA  
 <213> Homo sapiens

<400> 2149  
 cagtgttcaa gatacaaaat caatgcacaa aaatcagtag catttctata caccaacagc 60  
 atccagggtg cacgtggaat aaaaaacaca atcctactca aaatagccac aaagaaaatg 120  
 aaattatcta ggaatacagc taaccaaaaga ggtgaaagac ctgtacaaag agaaccacca 180  
 aacactgctg aaagaattca gaaatgacac acatgaacag aaaacattcc atgctcatgg 240  
 attgaaagaa tcaatgtcat ttgaaatgtc catactgcac gaagtaattt aaagattcaa 300  
 tgctattcct atcaaaactac caatgtcatt cttcatagga ttag 344

<210> 2150  
 <211> 400  
 <212> DNA  
 <213> Homo sapiens

<400> 2150  
 gggaaatgcg tgttctagct ttctgtgtgc ttaggtgccc gagctactga gggctctaagt 60  
 ccgggcagcc gaagagtgtg gtgcgaagat gaacaaagat gcgcagatga gagcagcgat 120  
 taacccaaaag ttgatagaaa ctggagaaaag agaacgcctc acagagttgc tgagagctaa 180  
 attaattgaa tgtggctgga aggatcagtt gaaggcacac tgtaaagagg taattaaaga 240  
 aaaaggacta gaacacgtta ctggtgatga cttggtggct gaaatcactc caaaaggcag 300  
 agccctggta cctgacagtg taaagaagga gtcctacaa agaataagaa cattccttgc 360  
 tcagcatgcc agcctttaag attgaattag attgtggtgg 400

<210> 2151  
 <211> 354  
 <212> DNA  
 <213> Homo sapiens

<400> 2151  
 ggaaatgctg gttctagctt tctgtgtgct taggtgccc agctactgag ggtctaagtc 60  
 cgggcagccg aagagtgtgg ttagcaagat gaacaaagat gcgcagatga gagcagcgat 120  
 taacccaaaag ttgatagaaa ctggagaaaag agaacgcctc aaagagttgc tgagagctaa 180  
 attaattgaa tgtggctgga aggatcagtt gaaggcacac tgtaaagagg taattaaaga 240  
 aaaaggacta gaacacgtta ctggtgatga cttggtggct gaaatcactc caaaaggcag 300  
 agccctggta cctgacagtg taaagaagga gtcctacaa agaataagaa catt 354

<210> 2152  
 <211> 278  
 <212> DNA  
 <213> Homo sapiens

<400> 2152  
 cgccggtgtg atacactgac ctgactatta acagcccaat atctacaatc aaccagcaag 60  
 tccttattac cctcactgtc aacccaacac aggcattgtc gtgggaaacc accctttatt 120

tgagattaaa	aaagggggct	ttttttttaa	aagccccacc	acttggcata	tcctgggagg	180
ggttggcccc	cccccccct	tggtggccgg	ggaaaagggc	cttttttttg	aatttttgga	240
acccccgggg	ttttttgggc	cccttataac	ccggcatt			278

<210> 2153  
 <211> 336  
 <212> DNA  
 <213> Homo sapiens

<400> 2153						
gggaaatgcg	tgttctagct	ttctgtgtgc	ttaggtgccc	gagctactga	gggtctaagt	60
ccgggcagcc	gaagagtgtg	gtcgcacgat	gaacaaagat	gcgcagatga	gagcagcgat	120
taacccaaaag	ttgatagata	ctggagaagg	agaacgcctc	aaagagttgc	tgagagctaa	180
attaattgaa	tgtggctgga	aggatcagtt	gaaggcacac	tgtaaagagg	ttattaaaga	240
aaaagggacta	gaacacgtta	cttgtgatga	cttggtggct	gaaatcactc	ccaaaggcag	300
agcccttgta	cctgacagtg	tgaaaaaagg	agctcc			336

<210> 2154  
 <211> 334  
 <212> DNA  
 <213> Homo sapiens

<400> 2154						
agaacttgag	aaactataaa	tacatagaaa	ctaagcaaca	tgctottgaa	tgatcattag	60
gttaaggaca	aaattaagga	gaaaatcaaa	aaaattcttg	caacaaatga	aaattgaaac	120
acaacatacc	aaaaacctac	gggatgtgga	aaagaaggaa	aatttccagc	aataaatgcc	180
tacatggaaa	aatagtaag	atttcaaata	aacaatctaa	caatgcaact	ctataagcta	240
gatacacaaa	aacaaaccag	actcaaaatt	agtaaaataa	ataataagat	cagagcaaag	300
ctaaataaat	acgagagatc	aatcaaacaa	acat			334

<210> 2155  
 <211> 331  
 <212> DNA  
 <213> Homo sapiens

<400> 2155						
ttctgtctca	gcctcccgag	tatctgggac	tactggtgcc	caccaccaca	cctggctagt	60
tttttgtatt	tttagtagag	acgggggttc	accatgttgg	tcaggatggg	ctcgatctct	120
tgacctcgta	atgtacccga	ctcgggctcc	caaagtgcct	ggatgacctc	tacgtatctg	180
ttagatttac	ttctccacgt	tottatcaac	ctgtttgcgt	atgctcatga	gctgtttctt	240
gttcggggag	tgaagccagg	ccttttcctt	tctcttatgc	agagtaactg	ccactgcctg	300
ggactttcag	tcaacctcgt	gcgccaggca	c			331

<210> 2156  
 <211> 334  
 <212> DNA  
 <213> Homo sapiens

<400> 2156						
aaattaacaa	tctaacatca	cacctagagg	aactagaaaa	acaaaaacat	actaacccca	60
aactggcaga	agaaaaaaaa	ataactaaaa	tcagagcagt	actgtacaga	attgagaccc	120
aaaaaaaaatca	tacaaaaatt	caacaaaacc	aaaagggtgg	tcttccaaag	gataaacaag	180
attgatagac	cacaggctaa	attaacaaag	aaaagagaaa	agatccaaac	aagcacaatc	240
agaaacaaca	aaagtgaat	taccatcaat	cccacaaaaa	tacaaaaaat	cctcaaaaac	300
tattatgaaa	acccctatgc	acaccaacta	aaaa			334

<210> 2157

<211> 337  
 <212> DNA  
 <213> Homo sapiens

<400> 2157  
 agtgagccat gattgtgccca ccacactcca gcacaggcaa aaaagcagac cctatattcta 60  
 aaaaaaaaaa aaattaaaat taaaaacatt tttaaagaat gacatttcac aatgataaaa 120  
 tgacaaaacc atcatgatga tataataatt acaaacatat atgcccctaa caacagagcc 180  
 tcaaaataca tgaagcaaaa gctgacagaa ttgaagagta aaatcatcaa tacaaaaata 240  
 atatttgag ccttcaatat cccactttca attatgaaca gaacaactac acagaagggtc 300  
 aatgaggaaa taaaagattg aataacactt caaacca 337

<210> 2158  
 <211> 343  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(343)  
 <223> n = A,T,C or G

<400> 2158  
 tacggttggt agnnnnnnnn nnngggtact gtttttctga gcacaggata taggaatcaa 60  
 tctgttctta ttttataatt caggtaatat ctcccagctg taatgatgac atcacagtga 120  
 aaaaggatca gtgtttagtt cgatcattta ttgattctaa attgtgagta atgaatcctt 180  
 taatgatggt acgtgggagg aaaaaaaaaa tagaattaca atgatagaca cctccccac 240  
 caaaacttta tttttaaaag tctaatacatt catgaactga gaagttgtta cctaataagg 300  
 tttgactttt tgtaatgtag ggtatttttc actaataaat ttg 343

<210> 2159  
 <211> 354  
 <212> DNA  
 <213> Homo sapiens

<400> 2159  
 aggggggtgc gcgcgggtcc tccatatgct gagcgccggt cccctgggccc cacttttctt 60  
 tctctatact ttggctctgt tgcccttctt ttctcaagtc tctcgttcca cctgaggaga 120  
 aatgccaca gctgtggagg cgcaggccac tccatctggt gcccaacgtg gatgctttcc 180  
 tctagggtga agggactctc gagtgtgggc attgaggaca agtcaacgag agattcccga 240  
 gtacgtctac agtgagcctt gtgggtgaag gtactctaca gtgtggcat tgaggacaag 300  
 ttgacgagag agtcccaagt acgtccacgg tcagccttgc ggtaagcttg tgtg 354

<210> 2160  
 <211> 317  
 <212> DNA  
 <213> Homo sapiens

<400> 2160  
 gatataaatt aatatacaaa aatcaattgt atttctatac acttgcaatg aatcatccaa 60  
 aactaaaatt aagtaaaaaa tttcatttac agtaacatca taaagagtaa aacattttacg 120  
 aataaattta acaaaaaacat tttcaacata tactctgaaa actacaaaac attgtttaaa 180  
 gagagtcaaa aatatctaca gaataggaaa aagaatgcac attcacgaat aagaaggctt 240  
 gatattgttt aagatgacaa tattccccaa actgatctac agattcaaag cagtctgtag 300  
 cagaatccca gctgacc 317

<210> 2161

<211> 318  
 <212> DNA  
 <213> Homo sapiens

<400> 2161  
 gcatggatga ttttcaagga tagaccatgg ctaggccaca aaataagtct ttaaaaacta 60  
 aagaaaaaat ataattatgt caaatatctt ttccgattac acaggaaaaa gctagaaata 120  
 acaggaattt tggaaaatat gaaaaataaa cagtatgaat gtcctgaatg actagtgaga 180  
 aaacacagaa attaagaaaa aataaaaaata aattgaaaca aatgagaatg aaaacacaaac 240  
 ataccaaaac ctatgagata caacaaaagc agtactaaga ggaagggttta tggcaataag 300  
 tgccctacatc aaaaaagg 318

<210> 2162  
 <211> 234  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(234)  
 <223> n = A,T,C or G

<400> 2162  
 cccaggaggg ttggccggac acagtggtag tggctcacac ctgtaatcct aatgctttgg 60  
 gagcctgagg cgggaggacc ccttgagccc aagagggtcaa ggccacaatg agctatgatg 120  
 gtgccactgt actccggcct gggcagcaga gcaaaaccct gtctcanaag agagagagaa 180  
 agccgggtgt ggtggttcac acctgtaatc ccagcatttt gggagcccaa ggc 234

<210> 2163  
 <211> 345  
 <212> DNA  
 <213> Homo sapiens

<400> 2163  
 agataaataa ttgtgtcttt ccttgtgttc attctgagct ttatatatac ttaatgcata 60  
 acacctatca cattggacta caactaactg tttcttcctt tctaggtaat gatctccaaa 120  
 atataaacat gatttatcac ttggcacatg atatttcata aatgcttggt gaacaaacaa 180  
 ataaaatact atcaaagggtg ggaaggaagg aacaaaaggg aaatagtatg agatagtttt 240  
 tacctgcacg agttcattga ggacaacagc atcaaagcca gaaagggtact gcacgtaata 300  
 cctctgcatt acagggtcgt atttcctcac atgtgctcta aggtc 345

<210> 2164  
 <211> 402  
 <212> DNA  
 <213> Homo sapiens

<400> 2164  
 cgttgctgtc gatttcgatt ttctggaaat ataatttgct actttaaaaa ttatgtaa 60  
 tgctattggt attaatgtga agaaaacttt gcttcatcta tgatcacaaa tattttcttc 120  
 tgaaaaaaa gctctctgaa gagttttttt tttcaatgaa ggggttttct ttcttctctc 180  
 catatgttat cttctgaata gctaagcaat gtttacatta tttattcagg cctttccatc 240  
 cactttcacg gattccactg aaggagaaat tgggtttgaa atcctctttt ctcaaaaact 300  
 aatgagtcac gcggggcccat gatgagctgt aacttotcaa gaggaagaa ccccgtagaa 360  
 aactatagct ggaaggatct aggttgacct gtctgtgatt ta 402

<210> 2165  
 <211> 303

<212> DNA  
<213> Homo sapiens

<400> 2165  
gaaggaaatt ggaaaaaaa atttaaacaa atgataatga aaacacaaca ttccaaaaac 60  
tatgagatgc aacaaaagca gtactaaaag ggaagttaat agatacaagt gccacatcg 120  
taagagaaaa aaaacttgaa ataacctaata gatgcatctt aaataactag aaaagcaaga 180  
gcaaaccaaa cccaaattta tgagaagaaa agaaagaata aatatcatag cagaaataaa 240  
ttaaattgaa acaaagaaaa caatccaaaa catcaatgaa atgaaaagtt ggtgtgttga 300  
aaa 303

<210> 2166  
<211> 314  
<212> DNA  
<213> Homo sapiens

<400> 2166  
tcttcactga tgatatgatt ctatacctgg aaacccctaa acatttcacc aaaaagcttc 60  
tagacttgat gaacaacttc agtaaagttt caggatacaa aatcaatgtg aaaaaatcaa 120  
taccatttct atacaccaat aatgtttaag ctgagaacca aaccaagaac ataattctcat 180  
ttacaataca cacacacaca cacacacaca cacacacaca cacagagata 240  
ggtatatatc tacgcggggg ggtgagagat ctctacagag agatctacaa cactctggtg 300  
agagaaatca gaga 314

<210> 2167  
<211> 320  
<212> DNA  
<213> Homo sapiens

<400> 2167  
ggcggcgagg gtcctccata tgctgagcgc cgggtcccctg ggcccaacttt tctttctcta 60  
tactttgtct ctgttgctct tcttttctca agtctctcgt tccacctgag gagaaatgcc 120  
cacagctgtg gaggcgcagg ccactccatc tgggtgcccac cgtggatgct tttctctagg 180  
gtgaagggac tctcgagtgt ggtcattgag gacaagtcaa cgagagattc ccgagtacgt 240  
ctacagtgag ccttgtgggt gaagggtactc tacagtgtgg tcattggaga caagggtgacc 300  
agagaggccc aagtacgtcg 320

<210> 2168  
<211> 313  
<212> DNA  
<213> Homo sapiens

<400> 2168  
gcggcgcgagg tcctccatat gctgagcgc ggtcccctgg gcccaactttt ctttctctat 60  
actttgtctc tgttgctctt cttttctcaa gtctctcgtt ccacctgagg agaaatgcc 120  
acagctgtgg aggcgcaggc cactccatct ggtgcccac gtggatgctt ttctctaggg 180  
tgaagggact ctcgagtgtg gtcattgagg acaagtcaac gagagattcc cgagtacgtc 240  
tacagtgagc cttgtgggtg aagggtactc acagtgtggt cattgaggac aagttgacga 300  
gagagtccca agt 313

<210> 2169  
<211> 341  
<212> DNA  
<213> Homo sapiens

<400> 2169  
ggatctcgtc ccgggtcccg cagtgggtcc cggagaggaa gcttcgacgc cacagggaat 60

tcttcctact	cttattccta	ctcatttagc	agtagttcta	ttgggcacta	gtagtcagtt	120
gggagaggac	gctatacctt	gacttcattt	ataagactat	ccactttatt	aagtagtaga	180
aaacaaaata	aagggtgctgt	gtttatgata	gacaagatat	tctcctgctt	acaacataac	240
ttaagacaga	tgggggggct	tttacgcctc	gcgtctttcg	ggctctatgt	tctccttata	300
ccaaaaattc	gattttccgc	gttgtgtata	taaagtgagg	g		341

<210> 2170  
 <211> 372  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(372)  
 <223> n = A,T,C or G

<400> 2170	
tacggctggt	agaatacgac
agactaccta	tattctaact
ggctctccacc	aaggggagaat
taaaaaaa	tctttttttt
tttgtcccc	aggttgaagg
gggttaatgc	cgttttcctg
ccaaaccggg	tn
	60
agaacgggat	tgtgtaagga
ggatctctga	gctctgggca
tattatgagg	ctagaccaca
ttgagacaaa	aatttttttt
gtgagccag	aatttaagct
cctcaccctc	caaagtatct
ggaactacag	ggccccgcca
	120
gagccatcac	tggaatcctg
cgatgctttt	acagagcact
tttttgaaag	ggagtttggt
cattgcaggc	tttgggcccg
ggccccgcca	
	240
gagccatcac	tggaatcctg
cgatgctttt	acagagcact
tttttgaaag	ggagtttggt
cattgcaggc	tttgggcccg
ggccccgcca	
	300
gagccatcac	tggaatcctg
cgatgctttt	acagagcact
tttttgaaag	ggagtttggt
cattgcaggc	tttgggcccg
ggccccgcca	
	360
	372

<210> 2171  
 <211> 328  
 <212> DNA  
 <213> Homo sapiens

<400> 2171	
gcggcgcggg	tcctccatat
actttgtctc	tggtgtcttt
acagctgtgg	aggcgcaggc
tgaagggact	ctcgagtgtg
tacagtgagc	cttgtgggtg
gagagtccca	agtacgtcca
	60
gctgagcgcc	gggtcccctgg
gtctctcggt	ccacctgagg
gggtgcccac	gtggatgctt
acaagtcaac	gagagattcc
acagtgtggt	cattgaggac
cgggtcage	
	120
gctgagcgcc	gggtcccctgg
gtctctcggt	ccacctgagg
gggtgcccac	gtggatgctt
acaagtcaac	gagagattcc
acagtgtggt	cattgaggac
cgggtcage	
	180
gctgagcgcc	gggtcccctgg
gtctctcggt	ccacctgagg
gggtgcccac	gtggatgctt
acaagtcaac	gagagattcc
acagtgtggt	cattgaggac
cgggtcage	
	240
gctgagcgcc	gggtcccctgg
gtctctcggt	ccacctgagg
gggtgcccac	gtggatgctt
acaagtcaac	gagagattcc
acagtgtggt	cattgaggac
cgggtcage	
	300
gctgagcgcc	gggtcccctgg
gtctctcggt	ccacctgagg
gggtgcccac	gtggatgctt
acaagtcaac	gagagattcc
acagtgtggt	cattgaggac
cgggtcage	
	360

<210> 2172  
 <211> 286  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(286)  
 <223> n = A,T,C or G

<400> 2172	
acaacctgga	aagggtcttcc
aagacaaaat	tctaaaacag
actgacaaac	aacaaatttc
cattcaaaat	gctgaaacaa
taacctttat	aaatgaaggg
	60
tcactacacg	gagtagtcaa
caagaaaaaa	agtatctagt
tcaacagaaa	cctcacaggc
acaaaacaat	gccaaccaaa
aaaataaagt	atttctcaga
	120
acagtcaaaa	atcaaagaca
cacttataag	ataaatccca
caggaaagaa	tgggttgata
aatactatac	ccagcaaggg
taagcn	
	180
acagtcaaaa	atcaaagaca
cacttataag	ataaatccca
caggaaagaa	tgggttgata
aatactatac	ccagcaaggg
taagcn	
	240
acagtcaaaa	atcaaagaca
cacttataag	ataaatccca
caggaaagaa	tgggttgata
aatactatac	ccagcaaggg
taagcn	
	286

<210> 2173  
 <211> 360

<212> DNA

<213> Homo sapiens

<400> 2173

aaaaccactt	taatacagtt	tcaagatata	aaatcaatgc	acaaaaatca	gtagcatttc	60
tatacaccaa	cagcatccag	ggtgcacgtg	gaataaaaaa	cacaatccta	ctcaaaatag	120
ccacaaagaa	aatgaaatta	tctaggaata	cagctaacca	aagagggtgaa	agacctgtac	180
aaagagaacc	accaaact	gctgaaagaa	ttcagaaatg	acacaaatga	acagaaaaca	240
ttccatgctc	atggattgaa	agaatcaatg	tcatttgaaa	tgtccatact	gcacgaagta	300
atttaaagat	tcaatgctat	tcctatcaaa	ctaccaatgt	cattcttcac	aggattaaaa	360

<210> 2174

<211> 345

<212> DNA

<213> Homo sapiens

<400> 2174

aaaaccactt	taatacagtt	tcaagatata	aaatcaatgc	acaaaaatca	gtagcatttc	60
tatacaccaa	cagcatccag	ggtgcacgtg	gaataaaaaa	cacaatccta	ctcaaaatag	120
ccacaaagaa	aatgaaatta	tctaggaata	cagctaacca	aagagggtgaa	agacctgtac	180
aaagagaacc	accaaact	gctgaaagaa	ttcagaaatg	acacaaatga	acagaaaaca	240
ttccatgctc	atggattgaa	agaatcaatg	tcatttgaaa	tgtccatact	gcacgaagta	300
atttaaagat	tcaatgctat	tcctatcaaa	ctaccaatgt	cattc		345

<210> 2175

<211> 358

<212> DNA

<213> Homo sapiens

<400> 2175

gcaagtaaag	caggtgcatc	taaaccagga	aggagaacat	acttggccct	tgtttcttcc	60
catttttgtt	ttttctcatc	aaaagctttc	ttcataatct	ggtaccactt	tctgaaatca	120
aaccatggct	tatctgaaag	aaataaaaatc	caagattatt	aaccaaaataa	accacactat	180
aataatatac	attgttcatc	tgagttttca	ttaattgact	gcaactgggca	gttgggtgtga	240
gtgtgtgac	aagatgtaga	cattagagag	acaacagaac	tgaatgcagt	aaagtataaa	300
aactcactcc	tcactctttc	actccatata	gggattattc	tccattattc	tctggcga	358

<210> 2176

<211> 407

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(407)

<223> n = A,T,C or G

<400> 2176

cggtgctgtc	gggtgctcct	ggctactccc	tttatagcca	ttactgtctt	gtttcttgta	60
actcagggtta	ggttttggtc	tctcttgctc	cactgcnnaa	aaaaaaaaaa	aaaaaaaaaa	120
aattttacccc	gttaaaaaaa	taaaaggggg	gaaaaccctc	cccccaatt	tttggggttt	180
ttgaagagga	attttttttt	ttccccttgg	ggggaaaaaa	attttttttt	ttggccattt	240
taaaccccc	ccttttttgg	gggggcccct	ttttggaaag	ggccccttaa	caaaacctta	300
accgggggtt	ttttaacccc	gggggggggg	ggggggcggg	gcaaaaattt	tttttggggc	360
ccctggcggg	gttttttttt	tttttaaaag	aaattggggg	cccccat		407

<210> 2177

<211> 328  
 <212> DNA  
 <213> Homo sapiens

<400> 2177  
 aattctcaat aattaagtat agaaggaagg taccgccaaa caataaagac cacatgtgac 60  
 agactcacgg ctaacatcat attgaatggg gaatagctga aagtaagaac tggaaacagga 120  
 caaggaggcc catttttact actgttttgt gatatgggtac tggaaatcct agtcagaata 180  
 attaggaag agaaagaaat aaggggaatc caaattagaa agaaggaatt caaattgtcc 240  
 ctgttttcac aggacatgat cttatatata gaaaaaccta gactccacca aaaaactctt 300  
 agaactgata aacaaattca gtaaagtt 328

<210> 2178  
 <211> 305  
 <212> DNA  
 <213> Homo sapiens

<400> 2178  
 gggccccgga aatgcgtgtt ctacttttct gtgtgcttag gtgcccgagc tactgaggggt 60  
 ctaagtccgg gcagccgaag agtgtgggtta gcaagatgaa caaagatgag cagatgagag 120  
 cagcgattaa ccaaaagttg atagaaactg gagaaagaga acgcctcaaa gagttgctga 180  
 gagctaaatt aattgaatgt ggctggaagg atcagttgaa ggcacactgt aaagaggtaa 240  
 ttaaagaaaa aggactagaa cacgttactg ttgatgactt ggtggctgaa atcactccaa 300  
 aaggc 305

<210> 2179  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<400> 2179  
 cgtggctgtc gaccgtttat atgtttttct tttggctctga aatactttctg aacagagggtt 60  
 atttttttta gaaaaaggcc gagacggggc tttactatgt tgcccaggct gctgtctaac 120  
 tcttgggctc aagcgatcct tctgccttgg cctcccgaag tgctgggatt gcaggcataa 180  
 gctaccatgc tgggcctgaa cataatttca agaggaggat ttataaaaacc attttctgta 240  
 atcaaatgat tgggtgcatt tcccatttg ccaatgtagt ctactttata aaaacaaaca 300  
 gaaacaaaaa cgggaaattt ccttcaacgg cctttatttg gggtaaaggg gatccttaac 360  
 cccctttttt atggaactct caaagcgggg tccg 394

<210> 2180  
 <211> 240  
 <212> DNA  
 <213> Homo sapiens

<400> 2180  
 gagtgcggtc acatacttcc agaagagcgg accagggtctg ctgccagcac ctgccactca 60  
 gagcgctctc gtcgctggga ccttccaggt aggacagctc ccaacgctgt ggggactctc 120  
 agcaaaactt ctcttccctt tccacggctc tgcttcttct gacctcatct tagctttgct 180  
 ttttattttc ttcttctgct atttttctat gatcctctaa gaaccaagtc cttgaaactt 240

<210> 2181  
 <211> 398  
 <212> DNA  
 <213> Homo sapiens

<400> 2181  
 gggaacttct gtgttatttt actcttaaaa ccaaactcta ctttttcttg gtgttttttt 60



tttttttttt	gggaaccctt	caaattcagg	caaagaaggg	ggtaattttt	aaaaaccagg	120
gaaaaaacgg	ccccccatt	tggttgacga	agggttttaa	gggcctaact	gggccccagg	180
gcacaccggg	gccaaattaa	gcccgggaatg	ttgcccgggc	ccgaaaaagc	ccggggcccc	240
tgtttcttta	tggggaatta	aagggcgggg	ggtaaaggaa	ccattccttt	ttctgggaaa	300
taaaaaccgc	aaagttgcca	tggcccgccc	ctttttttgt	ttcggggaat	ccaatggggg	360
ggaacttggg	gaaaacgggc	cttgggaaaa	aaaaaaaa			398

<210> 2182  
 <211> 310  
 <212> DNA  
 <213> Homo sapiens

<400> 2182						
ggattgctct	agctatttgg	ggtctttcat	gattccctat	gagtttttagg	atTTTTTTTtc	60
tatttctgta	agaatgtctt	tggatatttg	atagggattg	tggtggatat	gtagattgtt	120
ttggatagta	tagagatttt	aataatattc	attcttctag	tccatgagtg	tgaaatatat	180
ttccattttt	ttgtgtcttc	ttcaatttat	tttatcagtg	ttttgtaggt	tttcttttag	240
agatttttca	cctctttgat	ttaatttatt	cctgttttgt	agctattgta	aatgggattg	300
ttttcttgat						310

<210> 2183  
 <211> 226  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(226)  
 <223> n = A,T,C or G

<400> 2183						
tgnnnTTTTnt	atnttactta	cagaccgaag	cctcaacatc	actTTTTTTTT	accctgccgg	60
aggaggagac	cccattctat	accatcacgt	attctgattt	tggggtggcc	ctgaagtttt	120
ttttttattc	tatctggctt	cggactaatc	tccattttgt	gtgttggttat	tctggccaga	180
atatccattt	ttttacattg	ggtgcggcct	gggcttcctt	gtactg		226

<210> 2184  
 <211> 403  
 <212> DNA  
 <213> Homo sapiens

<400> 2184						
tgacgctacc	agctgagtta	caagagaaaa	tgatcacatg	catcagaggc	ttggagaaaag	60
ctaaagtgat	tcagccaggc	tacggtgttc	agtatgatta	cttagatccc	cgtcagatca	120
ccccttcctt	ggagactcat	ttggttcaac	gactcttctt	tgctggacag	atcaatggca	180
ccactggtta	tgaggaagct	gcagctcaag	gtgtgatagc	cggaatcaac	gccagtcttc	240
gggtcagtcg	caagcctccc	tttgtggtta	gccgaacaga	aggttacata	ggagtcttga	300
ttgatgacct	cactactctg	ggcaccagtg	aaccataccg	catgtttacc	agccgagtag	360
agttccgttt	gtcactgcgc	cctgataaat	ctgacagccg	gct		403

<210> 2185  
 <211> 397  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(397)

<223> n = A,T,C or G

<400> 2185

cggttgctgtc	gcgacctgct	tctgggtcgg	ggtttcgtac	gtagcagagc	agctccctcg	60
ctgcgatcta	ttgaaagtca	gccctcgaca	caagggtttg	ccgttgctgt	cgctagcagt	120
ggaagaagac	tgaatatctc	gtataccaga	aacatgactc	ttaaagatgg	taaaaacaat	180
gtagccatag	ctgtaacgta	taaccatgat	gggtccttata	gcatgcagat	tgaagataaa	240
actttccaag	tccttggtaa	tctttacagc	gaggagact	gcacttacct	gaaatgttct	300
gttaatggag	ttgctagtaa	agcgaagctg	attatcctgg	aaaacactat	ttacctattt	360
tccaaggaag	gaagtattga	gattgacatt	ccagtcn			397

<210> 2186

<211> 307

<212> DNA

<213> Homo sapiens

<400> 2186

ggctgactct	cttttcggac	ttagccccgc	tgcacccagg	tgaaataaac	agccttggtg	60
ctcacacaaa	gcctatattg	tggtctcctc	acatggacgt	gcatgacatt	gggtgctgaa	120
acccgggaca	ggaggactcc	ttcgggagac	cagtcccctt	cccctgtcct	cgccctcact	180
ccttgaggag	atccacctgc	aacctcgggt	cctcagacca	accagcccaa	ggaacatctc	240
atgaatttca	aattggatct	tcttgactta	gcagctgaag	actgatgctg	cccgattgcc	300
ttggaaa						307

<210> 2187

<211> 313

<212> DNA

<213> Homo sapiens

<400> 2187

aaagaccatt	atggggccact	ggacaaacac	atgaatacac	agaccattga	cactataaag	60
caaccacaca	ctcgagagga	cagtaataat	tagctgacga	cacaagatca	ggatcagagc	120
cacacctata	aactctaacc	ttgaatgtaa	atggcataaa	tatcctgatt	aaaaggcaca	180
gagtggcaag	ctggataaag	aagaaatacc	caatcgtag	ttgtcttcaa	gagacccatt	240
tcacatgcaa	tgacacacat	aggctcaaaa	taaagggaag	gagaaaaatc	tggcaccccaa	300
gaggaaaaca	gaa					313

<210> 2188

<211> 364

<212> DNA

<213> Homo sapiens

<400> 2188

tgcgtccaga	ggacctgtcc	ggcagcacct	ccatgcctga	gccaagcca	gggctcatgt	60
gaaggctcct	gaagtaactc	caagcccaga	ggagcagtgg	gacaaggcag	ggagacaggg	120
gcggcaacgc	gagctcttca	ggggaggctc	ctggactgcc	taagcattgt	tcctcccacc	180
cactgggcag	aggcccccta	cccccaggca	gcgccagctg	gaccaagcca	ggaaccacga	240
gccagcggcc	tgagcactca	ccggtctcca	catectgcac	gtagaagtgc	aggctcatcag	300
tgatctcagt	cacaaacacg	ggcttgtagc	tagcagatcg	ctccttgtct	cagcactggc	360
atca						364

<210> 2189

<211> 176

<212> DNA

<213> Homo sapiens

<400> 2189  
 tgggaggggtg aggagggcat atcacttgaa tccaggtgtt cgagatcagt gtggacaaca 60  
 tgatgaaacc ctgtctctac caaaaatact gaaattagct gtgcatgggtg gcactcgcct 120  
 gtatgccag ctatttgggg gactaggcca gaggatcact tgagccaggg aggttg 176

<210> 2190  
 <211> 178  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(178)  
 <223> n = A,T,C or G

<400> 2190  
 ttggaaacca cagtttcatg cccatcgctc tagaattaat tcccctaaaa atctttgaaa 60  
 tagggcccgt atttacccta tagcaccccc tctagagacg ggggncnnan natnntnntn 120  
 nnnaaaaagg ggggtgtttt aaggacccca acagatgagc tccgtctctgc agctggcg 178

<210> 2191  
 <211> 354  
 <212> DNA  
 <213> Homo sapiens

<400> 2191  
 agtgggcatg gctggggctg cacactccat ggagccaacg gaagccaaga acaggcggga 60  
 gccctactcc cttctgagtt ggcagggcca gtgcagctgc agccaaccag ctgtagctgt 120  
 ggaccaggc atccctgcac tcttgactca ggaagcccc tgccccaca ggctcaaaaa 180  
 tgctgtctcc cactgcctgg cctcttctctg ttctgtgtgc ccgtccaat tttggagcaa 240  
 agttgaggct gagcccaggc actgtcgcaa cctgccacag tgcacgcagt ctgaggcag 300  
 cactgataca ccagcccct gccaaacttg cctctctctg gctttgggca gaga 354

<210> 2192  
 <211> 313  
 <212> DNA  
 <213> Homo sapiens

<400> 2192  
 gtgateccaca cacctcggcc tcccaaagtg ccgggatgac aggtgtgagc cactgtgcct 60  
 ggcctgaaat gattatgtct ctatgtataa ataaatgaaa atcaaggcca ggcacggtg 120  
 ctcatgtctg taatcctatc actttgggtg gccgtggcag gtggatcaca aggtcacgag 180  
 ttcaatacca tcctggccaa tatgatgaaa cccatcttt attagaacta cccatattta 240  
 tccggtcgtg atggagaaaa cctgtagtcc cagctactcc ggaggctgtt ggaataactt 300  
 ttttaattct tct 313

<210> 2193  
 <211> 327  
 <212> DNA  
 <213> Homo sapiens

<400> 2193  
 tgttgcagtc gaggactgca acagcccact gacagcactg gacagatcac cgcagaaaac 60  
 taacaaattc tcgacttaaa ttgaagtttt gaccaaattg acgtaataca cacgtacaga 120  
 ataccctacc caacaaccac agaatacaca ttttactcat ctttgcagtc tctaaaaatg 180  
 accacatgct cagtcataaa gcaagtctca ataaattcaa aaaagcagaa atcataccaa 240  
 gcatctgttt ggaccacagt tgaataaaaat tagaaatcaa taccaagaat aactctgaaa 300

gccacgtaag tacatggaaa tgaaacg

327

<210> 2194

<211> 387

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(387)

<223> n = A,T,C or G

<400> 2194

agataaacat	aatggaaag	atatcttg	ttcatggatt	agaaggctta	acattattaa	60
aatagctata	ctaccacaaa	caatctacag	attgttattc	caatccaaat	cccaaagta	120
tgttttacag	aatagaaaa	caccatccta	aaattcagat	gcaatgacaa	aagagcaata	180
gccaaagcaa	tctcgagaag	gaaaaacata	gttggaggta	tcacatttcc	tggtttgaaa	240
atagattaca	aagtcattgt	aattaaaaca	gtatggcaca	ggcataaaga	cacatataga	300
ccaatggaat	agaatacaaa	gcccagaatg	aaattcacac	acatatggtc	aactgccttt	360
gacaaagggt	cgaanagtac	acaacag				387

<210> 2195

<211> 256

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(256)

<223> n = A,T,C or G

<400> 2195

accttactac	cagacaacct	tagccaaacc	atttacccea	ataaagtata	ggcgatagaa	60
attgaaacct	ggcgcaatag	atatagtacc	gcanaaaaaa	aaaaaaaaaa	aaaaaccttt	120
ggggggcggt	tttttcggaa	atcccaaccg	ggaaaaaacc	ttgggggggg	tgggcccacc	180
ccccctaaa	agggcgggga	aaaaagggtt	tttttgggaa	attgggaggg	ctttgggttt	240
tttgggaccc	cataaa					256

<210> 2196

<211> 330

<212> DNA

<213> Homo sapiens

<400> 2196

gttccttaga	acgtgcaatg	ccacagtcag	agacgttcaa	actggaagcc	aggacaacaa	60
gatgctgact	taaagctgtg	gacagccttc	tccaagatgg	cagaagaaga	ctccatgtca	120
taatgactct	tacccttttt	aatttttttt	tacttatgcc	tgctcttttc	acttgggaag	180
aaaatgctgg	caccacaatt	tcacaattcg	catcttttgg	ggaaaaaagg	ctggatgggt	240
cacccttttt	tagctgctgt	tatttggtta	ttttggcgcc	cgcttttttt	acttggcggt	300
aagagggtcg	ctcttttaaa	tttccacacc				330

<210> 2197

<211> 319

<212> DNA

<213> Homo sapiens

<400> 2197

ggtacaagtg	tccaatggtg	ctatatctct	tcttgatttt	tggctaccct	aatccatta	60
tgcagatagg	gctggtgttc	tgccagtttg	cacatcttcc	cactaaggta	tgctctgttg	120
tatctttcag	gcttattcaa	acctccttag	agctaacatg	gatgggttga	agaagagaga	180
caaaaagaac	aaaactaaga	agaccaaagc	agcagcagca	gcagcagcag	cacctgccgc	240
agcagcaaca	gcagcaacaa	cagcagcaac	aacagcagca	acagcagcac	agtaaagggc	300
atacatttcc	tgctttcac					319

<210> 2198

<211> 380

<212> DNA

<213> Homo sapiens

<400> 2198

tactacggtt	gcgacatgac	gacagacagt	gatcagggcg	cacacacccc	aactgacagg	60
cggtgcctct	gctggcttat	atgtgcttgt	ctggcagcta	tggctagagc	tgtggccctc	120
ccaacctgca	actggcgatc	tgacaacggg	cagacgcgtc	tcctctagt	tttccgtgac	180
ccctgacccg	cgagcacgct	atctgggagg	caccccttag	tatgggcaga	ctgacacctc	240
acacggccgg	gtactcctct	gagacaaaac	ttccagagga	acgatcagac	agcagcattc	300
gtggatcacg	aaaatccgct	cttctgctgc	caccactgct	gtgaccagg	caaacagggg	360
ctggagtggg	cctctagcaa					380

<210> 2199

<211> 346

<212> DNA

<213> Homo sapiens

<400> 2199

atTTTTtctct	tccccaccac	agcatctttg	cgtgtgtgtg	tcggcgggtg	ttggaggggg	60
caagttaagc	ctcattccct	ataatttggg	acattccttc	ggatttgatc	gagtcagata	120
gagtttgtca	aacccaatgg	gaaaaagact	aaaggaacta	caaaacagaa	acaaacaaat	180
gacaacaaca	acaaaaaac	aggtaagcaa	aacaaacaat	caattgcaca	acttatacaa	240
ttagttagca	ctctaattgg	aaggagaaat	taagtccagc	tggttggttaa	tcttaacttt	300
ggccaagaca	aaccccagtt	cagttactta	cctgcagacg	ggtctc		346

<210> 2200

<211> 144

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(144)

<223> n = A,T,C or G

<400> 2200

cactacctat	aaaatcccaa	acatataact	gaactcctca	cacccaattg	gaccaatcta	60
tcacctata	gaagaactaa	tgtagtata	agtaacntgg	agaaaagggc	cattttttgg	120
aattaatagg	ggggggggtt	tttt				144

<210> 2201

<211> 316

<212> DNA

<213> Homo sapiens

<400> 2201

atctgtgaaa	agatatttgg	taacacatta	aggcctatgg	tgaaaaagga	aatatcttca	60
gataaaaacc	agaaagaagt	tttcttagaa	actgggtttg	cttgtgtgca	tttatctcag	120

agagttaaaa	ctttcttttg	attcagcagt	ttagaaacac	tgtttttgtc	cattctgtga	180
atggacgttt	gggagctcat	tgaagccaac	gtcaaaaagg	tgactaacc	aggattaaaa	240
cttgaagaaa	gctatctgag	aaatagcttt	ctgatgtgtg	cattcatctc	acagagttaa	300
aactttctct	tcattc					316

<210> 2202  
 <211> 366  
 <212> DNA  
 <213> Homo sapiens

<400> 2202						
aaagatctca	atgaaggatc	taacatcaca	cccagaagaa	acagaaaaac	aagaggaaat	60
caaccacaaa	gctagcagaa	aaaaagaaat	aaccaaaatc	agagcctatt	tgagtgaat	120
ggaaatgaca	aaaagataca	aaaaatcaag	gaaactaaaa	attgtatttt	tgaaagacta	180
aataagattg	atacaccagt	aactagacta	atacagaaaa	aaagagagaa	gatccaaata	240
aacacaatca	taaatcacaa	ggaggacact	aacaccaacc	ctacagaaat	acaaaagatt	300
tctcacagac	tattatgaat	tctctatgca	cacaaagtgg	aaagccagaa	gaattagata	360
aattct						366

<210> 2203  
 <211> 451  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(451)  
 <223> n = A,T,C or G

<400> 2203						
gtcgtggagg	tggatctggc	aattttatgg	gtcgcggagg	gaactttgga	ggagggtggag	60
gtaatttttg	ccgtgggtgga	aactttggtg	gaagaggagg	ctatgggtgt	ggagggtggtg	120
gcagcagagg	tagttatgga	ggagggtgatg	gtggatataa	tggtatttga	ggatgatggcg	180
ncnctatcg	cggcgcccc	ggcccttgcc	tcctggcctg	ctatcctggc	ggcgcgcccc	240
cctgtctccc	ccacgcgctt	cgccctgggtg	gtaccggagg	gatttcactc	gaacgtcctc	300
cacggcctgt	tgccgccttg	tccctttcgc	ggcctccctt	tctcctgggg	cccattctgc	360
cggagaatng	actatctctc	ccccctgaca	ctagcttcog	tcactccctg	accccganc	420
ctatctcttc	ctcccaccgg	ggccccccac	n			451

<210> 2204  
 <211> 385  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(385)  
 <223> n = A,T,C or G

<400> 2204						
ttagcagaaa	cgatagcctg	ttatagtgga	cagcttgctg	ctctgacgga	tgaaaacaca	60
acgtccgtt	ctaaactgga	gaagcaaaga	gagagcgggc	aaagactgga	aacagaaatg	120
caatcatacc	gttgtagact	gaatgctgct	ctatgtgatc	atgatcaaag	tcactcatca	180
aaaagagacc	aagagcttgc	tttccagggc	acagtagata	aatgttgtca	tttacaggaa	240
aatttgatt	ctcatgttct	gattctttct	ctgcaacttt	ctaaagctga	gagtaagttc	300
agagtccctg	aaactgagct	ccattacaca	ggagaggctc	tgaaagaaaa	ggctttggtt	360
tttgaacacg	ggcaaaggga	gctan				385

<210> 2205  
 <211> 417  
 <212> DNA  
 <213> Homo sapiens

<400> 2205  
 cggttgctgtc gggcaagcgt tcgatttttt gtcgttgat cgcgagcggg gtctgcttgt 60  
 gccgccgagg gctcccagga cagggcaggg atctaggggg tttgcgcacc tgctttttta 120  
 tgccccgccc cccctttttt tttttaagg ggggggggtg aaagtgaggg aggaaaaggg 180  
 acaaaatact gactggaacg taaattcgag catttcttat gcgaagagcg gataaccagt 240  
 tccggattct tttttaagtt tctccattag ataaatttaa ttttcaaagg ctccggtttg 300  
 caggctaaat tttgaaacta gcccggggtt tggcaaaatt tgactgaatc ctgggggggag 360  
 aggctggacc cacgccaag ggtatctaga atattgagcc cggcagttca aaccagg 417

<210> 2206  
 <211> 410  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(410)  
 <223> n = A,T,C or G

<400> 2206  
 cggttgctgtc gggcggggggt ccgggagaag cggcggggtc gcgggacagg agaagcggag 60  
 gaagagtatg tggggccccg gctgagccga cggattttgc agcaagcacg gcagcaacag 120  
 gaggaactcg aggccgagca tgggactggg gacaagcccg cggcgccgcg ggaacgcacc 180  
 acgcggctgg gtccaagaat gcctcaggat ggatcagatg acgaggacga ggagtggccc 240  
 accctggaga aggctgccac aatgacagca gcggggccatc atgcagagggt ggttgtggac 300  
 cctgaggatg agcgtgccat agagatgttc atgaacaaga accctcctgc caggcgcacc 360  
 ctggctgaca tcatcatgga gaagctgact gagaagcaga cagaggttgn 410

<210> 2207  
 <211> 413  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(413)  
 <223> n = A,T,C or G

<400> 2207  
 ggcacgagag gcactgagtt catttactg acacggcccc tggactccca cctagaacat 60  
 gtggatttta gttctctatt gcactgtctc agttttgaac agatacttca gatctttgcc 120  
 tctgccgtgc tggagagaaa aatcatcttc ctggcggaag gtctcagcac cttgtctcag 180  
 tgcattccatg ctgctgccgc actgctctac cccttcagct gggcgcacac ctacatccct 240  
 gttgtccctg agagccttct ggccaccgtc tgctgcccc accccctcat ggttggagta 300  
 caaatgcgt tccagcagga ggtcatggac agccctatgg nagaggctct gctgggtaat 360  
 ctttgtgaag gaaccttctt aatgtcgggt ggtgatgaaa aagacatcct gct 413

<210> 2208  
 <211> 328  
 <212> DNA  
 <213> Homo sapiens

<400> 2208  
gccaacagta agtttttttac aatagccatc ctaatgagtg tccatatacg gttttttttt 60  
tttggttgga aaggagagtct ggttttgttc cccagcctga agggcagggg ggcaattttt 120  
gttaattgaa aactccgcct ccaagggttaa cgcatttttc tggcctaacc ctccaaggta 180  
gctgaaacta caaaggcccg cccccacccc gggctaattt tggattttta agaacaaacg 240  
gagttttatt acgtgggccc ggtgggtcta aaactccgga cctaagggga cccccccgac 300  
tggccctccc aaggggcccg aataacgg 328

<210> 2209  
<211> 327  
<212> DNA  
<213> Homo sapiens

<400> 2209  
cactgcaagg tccacctccc gggttcacgc cattctcctg gctcagcctc ctgagtagct 60  
gggactacag gcgcccgcga ccatgaccgg ctagtttttt ttggattttt agtaaagaag 120  
gggtttcacc gtgtagcca tgatgggtct gatctcctga cctcgtgatt tgtccgcctc 180  
agcctcccaa agtgctgact ctgtgcgcgg gcagttgcta atcggactga tgcgtgcttc 240  
attcgagtta ttggatctga gcttgtagac aaatacgtcg gtgagggggg tcgaatgggt 300  
cgtgaactct ttgaaatggc cacaaca 327

<210> 2210  
<211> 397  
<212> DNA  
<213> Homo sapiens

<400> 2210  
cgttgctgtc gctccctatc taccctcacc ccacgagaca gccccttcag gtatgtgtgt 60  
gtgtgcatgt gtgtgcatgt gtgtgcatgt gtgtgcaggg gtgtgtgtgt gtgggggggg 120  
ttcccaaata ttcaggggcaa gggaccagtc ggaagggtatt ctggctattg ggggagccca 180  
gagacagggg aaggcagcct gtccatctgt gcataaggag aggaaagtcc cagggtgtgt 240  
atgtttcagg ggcttcacat ggaggagctg cagatagata tgtgtttctg tgtatgtgta 300  
tgtctgcctt tttttctaag ggggggcttc tacaggcttt tgaaagtaag gtggaagtgg 360  
taaggctgat aagaaaaaac aaacttattt tgtagcg 397

<210> 2211  
<211> 337  
<212> DNA  
<213> Homo sapiens

<400> 2211  
aacaaaacaa ttatcagcca agaattttgt atccagtcct atgtttgccc tccttaaaca 60  
aaacaattat cagccaagaa ttttgtatcc agcaaaacta ggcttcataa atgaaggaaa 120  
gataatcttt cagacaaaca aatgctgaga gaatttgcca ctaccaagcc aacactataa 180  
gaaatgctaa aaggagctct aaatcttgaa acgaatcctc gaaatacaca aaaatagaat 240  
gttcttaagg cataaatctc acaggatcta ttaaaacaca cacacacaca cacacaatga 300  
aaaaaaaaa caaggctttt aggtaacaaa taccacg 337

<210> 2212  
<211> 334  
<212> DNA  
<213> Homo sapiens

<400> 2212  
gaacaaacca acatttgagc caggaataac tagagaggaa caatgggggtt attcagaggt 60  
tttgttttcc tcttagttct gtgcctgctg caccagtcaa atacttcctt cattaagctg 120



aataataatg	gctttgaaga	tattgtcatt	gttatagatc	ctagtgtgcc	agaagatgaa	180
aaaataattg	aacaaataga	ggatatgggtg	actacagctt	ctacgtacct	gtttgaagcc	240
acagaaaaaa	gatttttttt	caaaaatgta	tctatattaa	ttcctgagaa	ttggaaggaa	300
aatcctcagt	acaaaaggcc	aagacatgaa	aacg			334

<210> 2213  
 <211> 322  
 <212> DNA  
 <213> Homo sapiens

<400> 2213						
gagcactttg	aggcctatgg	tgaaaaagaa	aatatcttca	gataaaaact	agaaagaaac	60
tttctgagaa	actgctttgt	gatgtgtaca	ttcatctcac	agagttaaaa	ctttcttttc	120
attcagcatt	ttgggaagta	tgtttttgtc	cattctgcaa	aaggacattt	gggagctcat	180
tcagaccaat	ggcaaaaaag	aaaatatccc	aggataaaaa	ctagaaggaa	gctgagaatc	240
catttgtgat	gtgcgcattc	atctcacaga	gtgaaaattt	tcttttgata	catcagtttg	300
gaaacatggt	ttttgtagaa	cc				322

<210> 2214  
 <211> 295  
 <212> DNA  
 <213> Homo sapiens

<400> 2214						
gctaaaccta	gccccaaacc	cactccacct	tactaccaga	caaccttagc	caaaccattt	60
acccaaataa	agtataggcg	atagaaattg	aaacctggcg	caatagatat	agtacccaaa	120
aaaaaaaaaa	aaaaaaaaaa	aaaagggggg	ggttttttcc	ggaaacccca	aagggaaaaa	180
aacctttggg	ggggggggaa	aacccccctt	taaagggggg	ggaaaaaaag	ggttttttgg	240
gaaaattggg	gaggggttgg	ttttttttga	aaccattaaa	aggggggaaa	aaaaa	295

<210> 2215  
 <211> 314  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(314)  
 <223> n = A,T,C or G

<400> 2215						
gatttgccat	agtagttaag	ataatacagg	ctttgccctt	tcaaattgcca	taggtgttat	60
tgactagtac	catataatcg	cctttaattc	ttaaactagt	tcacgtcata	cattttaatt	120
atcctagtct	ctgtaattga	tatttatcat	gaagattgca	ttgctcttat	ttcagaaaaa	180
tatgttgaga	aacttttttg	agtaaacaaa	gatcgaatgt	caatggacca	gatggctgtt	240
ctccttgtaa	gcaatatcaa	tgaaagtaaa	ggcatagta	agtacatata	taantgtgtg	300
tgtgtgtgtg	tgtg					314

<210> 2216  
 <211> 313  
 <212> DNA  
 <213> Homo sapiens

<400> 2216						
actgaatgac	tgattggtca	atgaaaaaaa	ttaagaagaa	aaatttttaa	attcttttaa	60
caaattggaa	tggagacaca	acataccaaa	gcctatggga	tacagcaaaa	gcactactaa	120
gaggaaagtt	tatagcaaca	agtgcctaca	tcaaaaaagt	agaacttcca	ataaacaact	180

taatgatgca	tcttaaagag	ctagaaaacc	caaatagtag	aggaaaagaa	atagtaaaga	240
ccagagcaga	aaaaaataaa	attgaaatta	aaaaattaca	aaagatcaat	gaaacaaaaa	300
gttggatggt	tga					313

<210> 2217  
 <211> 332  
 <212> DNA  
 <213> Homo sapiens

<400> 2217						
gagcactttg	aggcctatgg	tgaaaaagaa	aatatcttca	gataaaaact	agaaagaaac	60
tttctgagaa	actgctttgt	gatgtgtaca	ttcatctcac	agagttaaaa	ctttcttttc	120
attcagcatt	ttgggaagta	tgtttttgtc	cattctgcaa	aaggacattt	gggagctcat	180
tcagaccaat	ggcaaaaaag	aaaatatccc	aggataaaaa	ctagaaggaa	gctgagaatc	240
catttgtgat	gtgcgcattc	atctcacaga	gtgaaaattt	tcttttgata	catcagtttg	300
gaaacatggg	ttttgtagaa	cctgtgaagg	gg			332

<210> 2218  
 <211> 327  
 <212> DNA  
 <213> Homo sapiens

<400> 2218						
gatatactta	gaacatttta	tccaacagca	gcaggacaca	cattcttctt	gagagcagat	60
gagacattct	ccaggacagc	ttatcttttg	gaccacaaca	caagttttaa	aacatttaag	120
aagactaaaa	taatatcaac	tatcttttcc	aattgcaata	gtatgaaact	agaaatcaat	180
aataggggga	aaactagaaa	acacaaatat	gtggaaatga	aacaatgcat	tcctgaacaa	240
tcaatgggac	aaaagaggaa	tcaaaatata	aattaaaaat	taccttgaac	caataaaaaat	300
ggaaacacaa	cacatcaaaa	cttgttag				327

<210> 2219  
 <211> 416  
 <212> DNA  
 <213> Homo sapiens

<400> 2219						
tcccatcgat	tcgaattcgg	cacgagctgg	cccgtggcgg	ccagagctgt	ggcgcgtcgg	60
ttgtgagtca	cagctctggc	gtgcaggttt	atgtggggga	gaggctgacg	ctgcgcttct	120
gggcccgcgg	cgggcgtggg	gaaaaaaaga	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	180
aaaaaaaaaa	aaaaaaaaaa	aaaaactttc	tccaaaaaaa	aaagaaatgt	atcataagcc	240
atgcaacaat	tacaaacgca	cacgctgggt	ctcccaacaa	acacaaaccc	aaaatatatt	300
acaaagcttt	tcttttgga	aagacccaga	cccacttatt	aataggaaac	ccaaaaaagg	360
gcaacaagca	aacaaaaacac	agctttacca	cttgtataag	tgtgacctac	aggggg	416

<210> 2220  
 <211> 339  
 <212> DNA  
 <213> Homo sapiens

<400> 2220						
ggtctttcga	acaacaatat	tcaccaattc	ccaggattga	agtggatggg	ccctttggca	60
cagccagtga	ggatgttttc	cagtatgaag	tggctgtgct	ggttggagca	ggaattgggg	120
tcacccctt	tgtctctatc	ttgaaatcca	tctggtacaa	attccagtgt	gcagaccaca	180
acctcaaaac	aaaaaagatc	tatttctact	ggatctgcag	ggagacaggt	gcctttttct	240
ggttcaacaa	cctgttgact	tccttggaac	aggagatgga	ggaattaggg	caagtgggtt	300
ttttaaacta	ccggttcttt	ctcaccggat	gggacagct			339

<210> 2221  
 <211> 124  
 <212> DNA  
 <213> Homo sapiens

<400> 2221  
 ggacgctttt catctgtccc gctgcgtggt ttctcttga tcgggaactc ctgcttctcc 60  
 ttgcctcgaa atggacccca actgctcctg ctgcctggt ggcttctgtg cctgtgcgag 120  
 ctte 124

<210> 2222  
 <211> 385  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(385)  
 <223> n = A,T,C or G

<400> 2222  
 caaacagtgt ttccaaacag tgaatgaaaa gaaatgttta actctgccag atgaattaca 60  
 caacacatag caatttctca catagcttcc ttctcgtttt tacccttagg tagtcctttt 120  
 ttgccattgg cctcaaggag ttccaaaagt ctattttag aatggacaaa aagagtgttt 180  
 gcaaaactact catacaaaaag acatgtttta gtcagcaaga tgaaagcaca catctcanag 240  
 aggtttccca gatagcttcc ttccagtttt tacccttaga tattcctttt ttctaccttg 300  
 gcctcaatga tgtccaaaat gtttattttc acagtggact aaaacagtat ttccaaactg 360  
 ctgaaacaaa agaaagattt aactt 385

<210> 2223  
 <211> 337  
 <212> DNA  
 <213> Homo sapiens

<400> 2223  
 ctcacataaa cttaaggtaa aggggtggac aaagatatcc catgcaaattg gacaccaaaa 60  
 gtgagcagga gtagctattc ttatatcaga caaaacaaac cttaaagcaa cagcagttta 120  
 aaaaagaggg accttatata atgataaaag gactagtaca aaaggaaaat atataatgat 180  
 aaaaggacta gtacaaaagg aaaatatcac aatcctaaat atatatgcac ctaacactgg 240  
 agctcccaaa tttataaaca attactgcta gacctaagaa atcagataga tggcaacaca 300  
 gcaatagtgg gggactttaa tactccactg acagcac 337

<210> 2224  
 <211> 418  
 <212> DNA  
 <213> Homo sapiens

<400> 2224  
 aaacaaaatg cccatgttgg tcctctgcc a tggacctgcg atattctgga ctatttctgc 60  
 gtttatttgc ggccgagtgt aacaaccata taataaatca cctcttccgc tgttttagct 120  
 gaagaattaa cacaaaaaaa aaaaaaaaaa aagaaaaaaa aaaaaaaaaa 180  
 aatggaaatc tgaaagccat cccaaaagaa gaccacccc caaaagaaag tagaaccaaa 240  
 accctggaga gctccccta ccataggact ctctcgttag atccgtgact ataaaaaaaa 300  
 ccggggggaa gagccgggcc accccattct acaggccaac tagggaccct cgagataccc 360  
 ccttatttct ggcgcctga gagaaggggc cccaaacgga ccccgaaatt taccctcg 418

<210> 2225

<211> 328  
 <212> DNA  
 <213> Homo sapiens

<400> 2225  
 ttacacatca gtttctcaga agacttcttt ctagttttta tctgaagagg ctctcttttt 60  
 taccatgggc ctcaatgctc agtgaaatat tcctttgcag atcctacaaa aacagtgttt 120  
 ccaaacagct gaatgaaaag aaagggttaa ctctgtgaga tgaatgcaca catcacaaag 180  
 cggttttctca gataggtttc ttcgagtttt tatcctggga tattcgctcc ttcgccattg 240  
 gctcaatga gctccaaaat atccattctc agaatggaca aaaacagtgt ttccaaactg 300  
 aggaatccaa agaaagggtt aactctgg 328

<210> 2226  
 <211> 390  
 <212> DNA  
 <213> Homo sapiens

<400> 2226  
 ctaaaaatca atgattggag gaatttgagg aactatacaa atacatgaaa attaaacaat 60  
 atgcttctga atgaccagtg ggtcaatgaa gagattaaga agaaaattaa aaattttctt 120  
 gaaacaaaca acaatgaaaa caaaatatag aaatcctatg ggatacagtg aatgcagtac 180  
 taaaaggaaa gtttatagtc ataagtgcct aaatcaaaaa atggaaaaac ttcaaataag 240  
 ccatgaaatg atgcatctta aaaaagttaa aaagtaatat caatctaaag tcaaagttag 300  
 tagaataaaa tgagatcaga gtagaagtaa atggaattga aatgaaaata atacaaaaga 360  
 tcaatgaaac aaaaagctgc attaaaaaat 390

<210> 2227  
 <211> 336  
 <212> DNA  
 <213> Homo sapiens

<400> 2227  
 ttggtgggaa attcaatact ctaagcatta gactgttgat ctagaatatt aacagatgaa 60  
 cactgtattt aaactgcaca taggacccaa tggacctaac agatatttac agaacatttc 120  
 atctgacagt tacagaacaa acattcttct catcagcaca tgaaacattc tccagaagag 180  
 agcatatgtt aggacacaaa gcaagtctca acaaattaaa aaaattgaaa tcatattgtt 240  
 tcttctcaga ccacaataaa ataaaactag aaatcaataa caagaggaac tagggaaact 300  
 gtacaaatac atacaaatta aacaacatac tctctgg 336

<210> 2228  
 <211> 384  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(384)  
 <223> n = A,T,C or G

<400> 2228  
 cgttgctgtc gaattcggct ggcgtttccg agaccgcgga ctcccgtagg gtcccctggtg 60  
 ccccgagttg tagtcgggac accccggccg cgggtgatcg tcgggtctcc acgcgcccg 120  
 gtgcgtgacg cggatccggc ctccggcgcct tctcagggcg ccctgcaagg ccgcaggcag 180  
 gatgaacatt ctggcaccgc tgcggaggga tcgcgtcctg gcggagctgc cccagattta 240  
 agatctccaa ggtcattgtg gtgggggacc tgctgggtggg gaagacttgc ctcatataa 300  
 ggttctgcaa agacaccttt gataagaatt acaaggccac cattggagtg gacttcgaga 360  
 tggaacgatt tgaggtgctg gccn 384

<210> 2229  
 <211> 381  
 <212> DNA  
 <213> Homo sapiens

<400> 2229  
 tcagtagcat ttctataggc caacagtga caatatgaaa atgaaatttt aaaaagtaat 60  
 cccatgtaca ataaccacac ataaaaattaa atacctagga attaaacttaa ccaaagaagt 120  
 gaaagatctc tataataaaaa actataaaac gctgatgaag gaaattgaag aaaataccaa 180  
 aaaatggaaa aacattccat gttcatgtgt tggaagaatc aatgttgcta aaatgtccac 240  
 actaccctaa gcaatctaca gattcaacgc agtccctatc aaaatactgg acatttttca 300  
 cagaaataga aaaaacaatt ctaaaattta tatgaaacca cagaagaccc agaatagcca 360  
 aagctaccct aagcaaaaata a 381

<210> 2230  
 <211> 450  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(450)  
 <223> n = A,T,C or G

<400> 2230  
 gtactggcct ttgaaaagac ccnacgaaag ctgcgcgnnn nttttgtgcg aagcggccta 60  
 cggtttttag aagacaacag aagggtggta aaatcactga ggctttacca aaagggtatg 120  
 gggacaatgc acctaaaaaa atcagcagtt taaaaatgga taacttgtaa caagggaaaa 180  
 gatgacgtta aagatgaagg ctgcagcagc aggacatcca catcaatttg caaggaaaaga 240  
 aattaatcct ctttgtgccc taactgaaga gtcagccagg tgtggtggct catgcctgta 300  
 ataccagcac tctgggaggt caaggcaagt ggatcacttg aggtccagag tttgagacca 360  
 gcttggccaa cctggtgaaa tccattctct actaaaaaaa tacaaaaatt atccattcat 420  
 ggtggcgcac gcctatatgt ccatctactt 450

<210> 2231  
 <211> 275  
 <212> DNA  
 <213> Homo sapiens

<400> 2231  
 tttatcaaag tcccacgttc ccaggaggag cctgggaagg ggtccttttg gcgaatagac 60  
 cctgcctctg aagccaagct cgtggaacag gcattccgga aacggaggca gaggggtgct 120  
 tctgcttcc gcacccctt cgggcctctg tcctcaaggt aaagttctct gagcgcccg 180  
 cctccagctg ttaggaaagc tgagctgccc tggagttag agatacgtgg cgcagtcagc 240  
 cctccggatc tgtgggctca ggctcagtg acggg 275

<210> 2232  
 <211> 400  
 <212> DNA  
 <213> Homo sapiens

<400> 2232  
 cgttgctgtc gattttaaca agctctttgc tagagagact gcagtgcagc atggttggga 60  
 gtttgccctt aaagctgtga caccaatctt ctaatgagca tatttggtct gggtcgccct 120  
 gccagattct ttctctatct cagaaaggga caacagaata agtgacttca aaagaagacc 180  
 atgaggaaga gatggatgaa gatataaag acttagatca ctatgagatg aaagaagagc 240

ctattattga	gaacaagttg	gaggatgaag	gaactgaata	agaaaattgg	gcaatattat	300
agaaaattag	gaagactgaa	aggttgaccc	tgatagtcct	ttgcacagtg	atctttatat	360
cttaacaaga	agcgatagga	gacattcttg	ttatctttca			400

<210> 2233

<211> 337

<212> DNA

<213> Homo sapiens

<400> 2233

gatgcccata	agatatggga	agctatgtta	tcaagccata	ttagatatca	agcattaata	60
tggaaataaa	ccagcctggt	tgggtgggctc	ttcacatgga	cgcgcatgaa	atttggtgcc	120
gtgactagga	tggggggacc	tcccttggga	gatcaatccc	ctgtcctcct	gctctttgct	180
ccgtgagaaa	catgcaccta	tggcctcatg	ttctcaaacc	gaccaaacca	agaaacatct	240
caccaatttt	aaatccgcct	ggcttgtgag	gccttttgac	cccaattcaa	gtcttttgat	300
accctgtgaa	ttgcacccat	actgcccaga	tggctag			337

<210> 2234

<211> 341

<212> DNA

<213> Homo sapiens

<400> 2234

agacacactg	aagcattgca	tttgaatcat	aattatgaac	catttaaaaa	ttggggattt	60
atTTTTtaat	tatgaaaaat	tctgttgtaa	tagtaccaca	tccaatttat	atgttattag	120
ctgtttgtta	cccactatTT	catttatattg	gaatgagggc	aaataatcct	gtaggcaagc	180
acgatatttt	aaaagttagg	aattctgaca	catctcaact	tttaaatacta	atagattgat	240
atgctgctga	aagaatattt	actctctgga	gacatatctg	aagctgaaca	ttgccttaag	300
gaactggaag	tacctcattt	tcaccatgag	cttgtatatg	a		341

<210> 2235

<211> 144

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(144)

<223> n = A,T,C or G

<400> 2235

tgcgtgtgga	agactacgaa	ccttaccocgg	atgatggcat	ggggtatggc	gactaccoga	60
agctccctga	ccgctcacag	catgagagag	atccatggta	tagctgggac	cacccggggc	120
tgaggttgaa	ctggggtgaa	cccn				144

<210> 2236

<211> 393

<212> DNA

<213> Homo sapiens

<400> 2236

ggcacgaggg	agctggatga	tgacatggac	gggacggctc	cggtgactga	gctgcagact	60
cacccggagc	tggacacaga	tggggatggg	gcgttgctcag	aagcgggaagc	tcaggcactg	120
cccaccgacc	ttccagcacc	ttctgcccct	gacttgacgg	agcccaagga	ggagcagccg	180
ccagtgccct	cgtcgcccac	agaggaggag	gaggaggagg	aggaggagga	ggaggaagaa	240
gaggetgaag	aagaggagga	ggaggaggat	tccgaggtgc	agggggagca	tcccaaggag	300
gccccaccgt	cactgtcacc	cccgcagccg	ggcagccctg	ctgaggaaga	caaaatgccg	360

ccctacgacg agcagacgcc ggccttcacg gat

393

<210> 2237

<211> 312

<212> DNA

<213> Homo sapiens

<400> 2237

cattatcact	atagaaaacc	acccaatcac	aaaaattaac	aataagagag	gaagtaagta	60
atgaaggata	tacaaaacaa	ctaaaaaaca	atcagtaaaa	taacaagagt	atgccctcat	120
ctatcaataa	taatcttgaa	tgtaaacaga	ttacattccc	cattttaaag	ataaagactg	180
actgaatgga	taaaagacat	gacccaacta	tatgctgctt	agaagaaact	cacctcacat	240
gtaaagacac	acatagactg	aaaataaagg	aatggaaaaa	tatattccac	ccaaatggaa	300
acaaaagta	ag					312

<210> 2238

<211> 391

<212> DNA

<213> Homo sapiens

<400> 2238

gttgctgtcg	cttggtgatt	gtaagtggct	gacgctgagt	gaggttatga	agctgctgaa	60
gagctttggc	gaggacgaga	tcgagatgaa	agtcgtgagc	ctcctggact	ccacatcatc	120
catgcataat	aagagtgcc	catactccgt	gggaatgcag	aaaacgtact	ccatgatctg	180
cttagccatt	gatgatgacg	acaaaactga	taaaaccaag	aaaatctcca	agaagctttc	240
cttcctgagt	tggggcacca	acaagaacag	acagaagtca	gccagcacct	tgtgcctccc	300
atcggctcggg	gctgcacggc	ctcaggtcaa	gaagaagctg	ccctcccctt	tcagccttct	360
caactcagac	agttcttggg	actaatgtga	g			391

<210> 2239

<211> 382

<212> DNA

<213> Homo sapiens

<400> 2239

cggtgctgtc	ggcggacgct	cccgcgagc	ggaaacctca	ttgtggtgga	gagcgtgctc	60
atggcagtgg	ccttcctggc	catgctgctg	gtgctgggtt	tgtgcggagc	cgcttacccg	120
cccacggagg	agatcgatct	gcgcagcgtg	ggctggggca	acatcttcca	gctgcccttc	180
aagcacgtgc	gtgactaccg	cctgcgccac	ctcgtgcctt	tctttatcta	cagcggcttc	240
gaggtgctct	ttgctgcac	tggatatgcc	ttgggctatg	gcgtgtgctc	gggggggctg	300
gagcggttgc	cttacctcct	cgtggcttac	agcctggaag	cctcagccgc	ctcactcctg	360
ggcctgctgg	ccctggggct	cg				382

<210> 2240

<211> 370

<212> DNA

<213> Homo sapiens

<400> 2240

ggattagaaa	cagctcaata	caccacacc	agaagacct	ggataaattc	tgggaagcat	60
gcaacctccc	aagataaacc	aagaagatat	taaagccctg	aaaagatgaa	taatgagctc	120
caatattgaa	tcagtcatta	taaacctacc	aaccagagaa	agccctggac	cagacagatt	180
cacagctaaa	ttataccaga	tgtataaaga	agagctgata	gaaatcctac	tgaacatatt	240
ccaaaaaatc	aaggaggaat	aattcctcca	taactcattc	tatgagacag	catcattcag	300
aaacacggtg	ataaaaaggaa	tctttaggcc	aaaatcttgg	aggaacatag	atgcaaaaat	360
cctcaaccag						370

<210> 2241  
 <211> 400  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(400)  
 <223> n = A,T,C or G

<400> 2241  
 ggcacgagga gaagctgacg ggcattgtgtt ggaaacagct ggtggccggc gcagtggcag 60  
 gtgccgtgtc acggacaggc acggccccctc tggaccgcct caaggtcttc atgcagggtcc 120  
 atgacctcaa gaccaaccgg ctgaacatcc ttgggggggtc tcgaagcatg gtccttgagg 180  
 gaggcattcg ctccctgttg cgcggcaatg gtattaatgt actcaagatt gcccccgagt 240  
 cagctatcaa gttcatggcc tatgaacaga tcaagagggg catcctgggg cagcaggaga 300  
 cactgcatgt gcaggagcgc ttcgtggctg gctccctggc tgggtgccaca gcccacacca 360  
 tcatttaccg tatggagggt ctgaagacgc agctgacctn 400

<210> 2242  
 <211> 368  
 <212> DNA  
 <213> Homo sapiens

<400> 2242  
 ggaagtagaa cattctgaag ggcattgtcac acgttcttca agctcactct gccagccact 60  
 ggagaatgga cgtaatgagc caaggatggc accaggaagt cacgggggca gtgtttgctg 120  
 ctgtccaggc aatcacagta ttggtgtcgt gtctcagcag gctgggtgtt gggggcctgg 180  
 attcacaaca tacatttgaa catattgtca cccgtgcttg ctgatagaga catctctatg 240  
 gagtggagggt ggcgaaatgt gcgtcgaagt ctttgccctt ttattattta tattctcttg 300  
 ttgggggggac tactccttat attttcttct ctcttcgctg ttacggaggg tgacatctta 360  
 tttttttt 368

<210> 2243  
 <211> 385  
 <212> DNA  
 <213> Homo sapiens

<400> 2243  
 ggcacgaggg acctcctacc gttacttttt tattcactca agaaatgatt tcttgagttc 60  
 ccggcctttg ttagagagat gaacgaggca cggctcgtgt ccagctaaag gacagtagga 120  
 ctggaagagc gttgttttcc aaggtagagg atgccgcgcc tcctaggagc cgaagggacg 180  
 ggaggccgcg tagaggagg gaccgtcccc gagcctcgcc gagcctgcgg tgtagacacc 240  
 tctggtgtct agtgggtgag gatctgttga ccgggcatgg tgggtagaag gaacgctccg 300  
 agcagaagaa aagtggctgt cgtgaagaca tctgcgtgtg cggcgtgcgt ggggtgcctgg 360  
 agatgaagct ggaaagagct gctgc 385

<210> 2244  
 <211> 344  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(344)  
 <223> n = A,T,C or G



<400> 2244  
gagaacattc tgaagggcat gtcacacgtt cttcaagctc actctgccag ccactggaga 60  
atggacgtaa tggagccaag gatggcacca ggaagtcacg ggggcagtgt ttgctgctgt 120  
ccaggcaatc acagtattgg tgctcgtgtc cagcaggctg ggggttgagg ccctggattc 180  
aaagcatcca tctgaacata ttgtcaccgc tgcacccctga gagagacagc ttcattggagt 240  
ggaggtgtgt ggcctggagg cccacgtan gccaccaggc atgttttcca cgaaaaccga 300  
aacttctgac gggattacta acattgggag atttccgttt cttg 344

<210> 2245  
<211> 396  
<212> DNA  
<213> Homo sapiens

<400> 2245  
ggcacgagga gaagctgacg ggcattgtgt ggaacacagct ggtggccggc gcaatggcag 60  
gtgccgtgtc acggacaggc acggccccc c tggaccgcct caaggacttc atgcaggctc 120  
atgcctcaaa gaccaaccgg ctgaacatcc ttgggggggt tccaagcatg gtccctgagg 180  
gaggcatccg ctccctgtgg cgcggcaatg gtattaatgt actcaagatt gcccccgagt 240  
cagctatcaa gttcatggcc tatgaacaga tcaagagggc catcctgggg cagcaggaga 300  
cactgcatgt gcatgagcgc ttcgtggctg gctccctggc tgggtgccaca gcccaaacca 360  
tcatttacc c tatggaggtg ctgaagacgc ggctga 396

<210> 2246  
<211> 314  
<212> DNA  
<213> Homo sapiens

<400> 2246  
gaccgtttat gtaactttat attgggacaa tgaatccctt gaggccactt gcctaccgag 60  
ccggttgatc gctgaggagc cactatttag actctattaa actttcttgt tgcccgcgga 120  
accctctaaa tccccttgta aatttaactg ttagtccaaa gaggaacagc tctttggaca 180  
ctaggaaaaa accttgccga gagagtcccc accttaaagg ggcgcaaaaa aaacggtttg 240  
ggggtaattt tgggagacct cctgttttt taaaccacta tttagtggga aaaaaccctt 300  
tttaaaaggc gggg 314

<210> 2247  
<211> 364  
<212> DNA  
<213> Homo sapiens

<400> 2247  
actgaattac aataatgaca caacctatct aaacctgtgg gatacagata acgccccggc 60  
aagaggaaaag ttcacagccc taaatgccta catcatagtc tgaaagagca caaacagaca 120  
atcccaagtc acacttcacg gaactagaga aacaagaaca agccataccc aaaccgggac 180  
ccagcagaag aaaagaaata acccagatca gagaagaact aaatgaaaat gatgcaaaat 240  
acttacctaa gataaatgag acacaactgg ttctttgaaa agataaataa aattataaac 300  
tgtttagcaag actaaccacg aaaagaagaa aaaaaggcca ataaccttgc tgagtaatga 360  
acct 364

<210> 2248  
<211> 311  
<212> DNA  
<213> Homo sapiens

<400> 2248  
caagcttaac cataagtaca ataagcccca gcatttgcac ggtagtcaag ctcattcaag 60  
caaaactctc tccagtaggg aatttccctt gcagagacca tgtgcatttt tatttcactt 120

gtcctcagac	tgactctttg	ttcattataa	tagtaaaaaa	cacatccctg	ggtggagatt	180
tagagcta	aatgacatgcg	atgtatgaac	aagcatgtaa	agctactgca	catgtgcagc	240
caaagaacca	cccataacat	gcttaccagc	aacactcttt	cccaccccct	taagaataac	300
cacggaagge	t					311

<210> 2249  
 <211> 123  
 <212> DNA  
 <213> Homo sapiens

<400> 2249	
actccccgcc	ctaagatctc
aaggacgtgg	atatccccca
aaa	
	60
	120
	123

<210> 2250  
 <211> 127  
 <212> DNA  
 <213> Homo sapiens

<400> 2250	
tagaatcttt	ggaggtctgg
taagtggaaa	taaactgaaa
tgaaaag	
	60
	120
	127

<210> 2251  
 <211> 348  
 <212> DNA  
 <213> Homo sapiens

<400> 2251	
ggctcactgc	aacctccacc
agctgggact	aactacaggt
agacgggttt	caccatgttg
gagatcagct	tccagagcat
ctttaggcca	agatgtgggg
acgcaggccc	ctaagatggg
	60
	120
	180
	240
	300
	348

<210> 2252  
 <211> 359  
 <212> DNA  
 <213> Homo sapiens

<400> 2252	
actgaattac	aataatgaca
aagaggaaa	ttcacagccc
aatcccaagt	cacacttcaa
cccagcagaa	gaaaagaaat
taaatacaaa	agataaatga
actgttagca	agactaacca
	60
	120
	180
	240
	300
	359

<210> 2253  
 <211> 154  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(154)  
 <223> n = A,T,C or G

<400> 2253  
 cananggctt gttttggacc acagaccacg gtatcctgat atgataaaaa gggcggagga 60  
 tgcatacatc ctcacttgta acgtgacatt agagtatgag aaaacagaag tgaattctgt 120  
 cttttttttac cagagggcac aacattgaga aaaa 154

<210> 2254  
 <211> 401  
 <212> DNA  
 <213> Homo sapiens

<400> 2254  
 ggcacgagcc ctcttcccat gaggtggtag cctggattcg acggatactt cgggtggaga 60  
 agacagggca cagtgggtact ctggatccca aggtgactgg ttgtttaatc gtgtgcatag 120  
 aacgagccac tcgcttggtg aagtcacaac agagtgcagg caaagagtat gtggggattg 180  
 tccggctgca caatgctatt gaagggggga cccagctttc tagggcccta gaaactctga 240  
 caggtgcctt attccagcga cccccactta ttgctgcggg aaagaggcag ctccgagtga 300  
 ggaccatcta cgagagcaaa atgattgaat acgatcctga aagaagatta agaatctttt 360  
 ggggtgagttg tgaggctggc acctacattc ggacattatg t 401

<210> 2255  
 <211> 124  
 <212> DNA  
 <213> Homo sapiens

<400> 2255  
 gcagtggacg tggatttggt gatggctata atggttatgg aggaggacct ggaggtggca 60  
 atttttgagg tagccccggt tatggaggag gaagaggagg atatggtgct ggaggacctg 120  
 gata 124

<210> 2256  
 <211> 124  
 <212> DNA  
 <213> Homo sapiens

<400> 2256  
 ggtttttcag ctcacttcaa gggtagctga agcgaattgg caccaaagca gcagctgtat 60  
 tggcgcagtt ctacttcac cttcacgatg tttcccttgg tcaaaagcgc actaaatcgt 120  
 ctct 124

<210> 2257  
 <211> 147  
 <212> DNA  
 <213> Homo sapiens

<400> 2257  
 ggagaatcga ggcactcgct ggcgtaccca tgtatcgaag tgagttcaag gcctgggtacc 60  
 ggcggatgct ggtggtctac gggatcggca cctgggctgt gttgggctca ctgctttact 120  
 atagccggac aatggcgaag togtcag 147

<210> 2258  
 <211> 341  
 <212> DNA  
 <213> Homo sapiens

<400> 2258  
gtttctgtcgc ccaggctgaa gtgcagtggc atgatcccg ctcactgtag gctccgtctc 60  
cccagttcac accattctcc tgcctcagcc taccgagtat gcacccgccca gcatgcctgc 120  
gtggccgagt tcttctcatt cggcatcaac agcattttat atcagcgtgg catatattca 180  
tctgaaacct ttactcgagt gccgaaatac ggactcacct tgcttgaact actgatcttg 240  
agctcatata tacctaacta agggctcgcc ccttcgaaat atgatttact atcttgccca 300  
gcattctgga gctctctagc acattctggt ttctactatg t 341

<210> 2259  
<211> 363  
<212> DNA  
<213> Homo sapiens

<400> 2259  
cgaaccacaa tagtgacaca tcctatcaca atctttggga cacaccagag gcagtgctaa 60  
caggaaagtt catagcccta cagcctacc tcaaaagggc tgaaagagca tctacagaca 120  
atctaagggtc acacctcaag cggctagaga aacaagaaca accaaatcct caccagctg 180  
aagaaaggaa atagcctgga tccgagcaga actagatgaa attcagacaa acaaaactcca 240  
cttgcgctcc aaaaatacgt aagacgaaga gctgggttctt tgaaaagata aataaaattg 300  
atagaccatt agcaagatta accaggaaaa gaagagtga aattcttata agctcaatga 360  
gaa 363

<210> 2260  
<211> 348  
<212> DNA  
<213> Homo sapiens

<400> 2260  
cggcctactg ctgcaagaag acaacagaag gctactgctg caagaagaca acagaaggct 60  
gctgctgcaa gacgacaaca gaaggctact gctgcaagaa gaccacagaa ggctacggct 120  
gcaagaagac aacagaaggg tactgctgctg aagaccacag aagggtactc ctgccagaag 180  
acgacagaag ggggagcgcc gctcctgctg caccgtgctt gctacgagtt tcatgctcgt 240  
gctaaactag cgccgtcgtc ttctttcttc agtcgtcatg atgattatct accgccacct 300  
catcaccac gatgagatgt tctacgacat ctacaagatg caggagat 348

<210> 2261  
<211> 393  
<212> DNA  
<213> Homo sapiens

<400> 2261  
cgttgctgtc ggtgcatcct ctcccagtggt atgcgatcac ctgtgcctcc cctccccttt 60  
tattcacatc gcgtattttg gcattttcca gataatgaca aggcacagac aggggtggggg 120  
atggactgaa gcaccatgtc ttgtttactg gctcctaatt tattttcatt ctttgttgac 180  
taaccacaca tgtgccctcg gaggttacat gtgtggtgac cactctacat tctggatgtt 240  
ttattaaaca ttgaacgcgc ctacgaggag cgaacttaaa ataatacatc cactggctga 300  
taaagggaag ctgcaatacc aaggcgaaga ttgataatgc acacgctttt cttttttgta 360  
ccgtacatat ttccacacca tcttagatat aat 393

<210> 2262  
<211> 408  
<212> DNA  
<213> Homo sapiens

<400> 2262  
ggcacgaggt gtgcttaggt gcccagacta ctgaggggtct aagtcggggc agccgaagag 60

tgtggtaggt	aacgggtcctc	agcgcaaggg	tcattttcgtc	gotgggaagg	gacggccctc	120
gcccgcggtg	atggttggtta	gcaagatgaa	caaagatgcg	cagatgagag	cagcgattaa	180
ccaaaagtgtg	atagaaactg	gagaaagaga	acgcctcaaa	gagttgctga	gagctaaatt	240
aattgaatgt	ggctggaagg	atcagttgaa	ggcacactgt	aaagaggtaa	ttaaagaaaa	300
aggactagaa	cacgttactg	ttgatgactt	ggtggctgaa	atcactccaa	aaggcagagc	360
cctggtacct	gacagtgtaa	agaaggagct	cctacaaaga	ataagaac		408

<210> 2263

<211> 357

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(357)

<223> n = A,T,C or G

<400> 2263

atgacctcaa	cgggtgccgtg	atgatacaat	accacctatg	gagaaagctc	tagggaaaat	60
ggacattcag	atagctcttc	cttctggatg	gtacagaaga	gtagctccat	ggtttggatt	120
agctgcaaaa	cactttattg	atagatgaag	attactgagg	aatgtttggt	gctgtactgt	180
ttaatttttg	caaaaaaaag	tttaaagtca	gaaaaagtga	tcgtactgca	cagctcattt	240
gtgaatgaat	ttttaatcca	gaaatagaag	ttcaagcttt	ggatgatgct	gaaaggcatt	300
cagaagagtt	aggttctatt	agaaagtatt	aaaatttatg	ctaagaatag	aaaatgn	357

<210> 2264

<211> 399

<212> DNA

<213> Homo sapiens

<400> 2264

atcccatcga	ttcgaattcc	gttgcgtgctg	actgggaaac	tgcacctcgt	cacatgatgc	60
gtctagatat	tcgttctttg	ctgcaagatg	ctgctattga	agaggtagag	atggaagatt	120
ttgatgcaaa	tatcgaagaa	cagaaagaag	aaaagaaaga	tgcagaggaa	gaggaaagcg	180
aactgggtta	cattccgaaa	agcaaatggg	agatggacac	atctgaggca	aagctagaca	240
agttggatgg	cttgaggact	ggtactaaaa	ggaaacgtga	ctgggaggcc	attgccagca	300
gaatggagga	ttatcttcag	ctccccgatg	attatgatac	tcgtgcttct	gagcctggga	360
agaagagggt	cagatgggca	gacctggaag	agaagaagg			399

<210> 2265

<211> 322

<212> DNA

<213> Homo sapiens

<400> 2265

gcctcagcct	ccctagtagc	tgggatgaca	ggcgccctgcc	atcatgcctg	actaattttt	60
gtatttttag	tagagacggc	gtttcaccat	gttggccagg	ctggtctcaa	actcctgacc	120
tcaggtgatc	cgcctacctc	agcctcccaa	agtgcctggga	ttacaggcgt	gatccaccac	180
acctggccct	tgcaatcttc	tactttaagg	tttgagagaa	ttaaaccaata	aatccacacc	240
gtacatctgc	aatatgaatt	caagaaagga	gatagtacct	tcaatactta	gaaatagtct	300
tccacaaaaa	atactttatt	tc				322

<210> 2266

<211> 329

<212> DNA

<213> Homo sapiens

<400> 2266  
attgatagac cattagcaag attatcgaga aaagaataca gaaaatccaa ataagctcaa 60  
ttagaaacaa aacaggagat actacaactg acaccactga aatataaaag atcatttcaa 120  
ggctactatg aacaccttta catgcataaa ctataaaacc taaaggagat ggataaattc 180  
ctggaaaaat aaccaccctc ctagcttaaa tcaggaagaa ttaaataccc ttgacagacc 240  
aattaccaac cgagaggatg aaatggttac caaaaaaat taccaatgga aaaagccagg 300  
accacaccga ttcacaggtg aaatttatg 329

<210> 2267  
<211> 230  
<212> DNA  
<213> Homo sapiens

<400> 2267  
gtagtaccat gcacattatt gaggaatgtt ctaaagggtat atctctcggg gtattttctct 60  
acttacctgt gataatgctt ttgtcttaat aggggtgggtc tcttccctaa gcgctagcca 120  
aattcatgaa ttatgtgaag aattgctttc ggatgactga ccaagaggct attcaagatc 180  
tctggcagtg gaggaagtct ctttaagaaa atagttttata caatttgta 230

<210> 2268  
<211> 323  
<212> DNA  
<213> Homo sapiens

<400> 2268  
gactggaaag cgaaggctct cctgaaactc ttacaaactt aaggaaagga tacctgttta 60  
tgtataatct tgtgcaattc ttgggattct cctggatctt tgtcaacctg actgtgcat 120  
tctgtatctt gggaaaagag tccttttatg acacattcca tactgtggct gacatgatgt 180  
atttctgcca gatgctggca gttgtggaaa ctatcaatgc agcaattgga gtcactacgt 240  
caccgggtgct gccttctctg atccagcttc ttggaagaaa ttttattttg tttatcatct 300  
ttggcaccat ggaagaaatg cag 323

<210> 2269  
<211> 317  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(317)  
<223> n = A,T,C or G

<400> 2269  
ggggccctgt gtctggaggc tgcattgaatc ccgcccgtgc ttttggacct gcggtggtgg 60  
ccaaccactg gaacttcac tggatctact ggctgggcc actcctggct ggctgcttg 120  
ttggactgct cattaggtgc ttcattggag atgggaagac ccgcctcacc ctgaagcctc 180  
ggtgaagcag agctcgtggg attcctgctg ctccaggtgt cctcagctca cctgtcccag 240  
actcaggaca ggggagttcc tgcatttcct gccagggcag agggcccagag gagcgacccc 300  
ctgcttccac tgcttgn 317

<210> 2270  
<211> 316  
<212> DNA  
<213> Homo sapiens

<400> 2270  
gcattgggtc aaaaacaaaa tgaagatgga attaaaaaaa ttatttgaac tgaatgacag 60

taaggacaat	aatgacctct	gggatacagc	aaaggcagtg	ctaacaggaa	agttcataga	120
cttaaattcc	tacatcaaaa	agtctgaaag	attgcaaata	gacaatctaa	gatcacacct	180
caaagaacta	gagaaacaaa	aacaaaccaa	acccaaaccc	agcagaagaa	aggaagtaac	240
cacgatcaag	cagaactaaa	tgaaattgaa	acaacaacaa	aaacaatata	aaagataaat	300
gaaacaaaaa	gctagt					316

<210> 2271

<211> 322

<212> DNA

<213> Homo sapiens

<400> 2271

gcattgggtc	aaaaacaaaa	tgaagatgga	attaaaaaaa	ttatttgaac	tgaatgacag	60
taaggacaat	aatgacctct	gggatacagc	aaaggcagtg	ctaacaggaa	agttcataga	120
cttaaattcc	tacatcaaaa	agtctgaaag	attgcaaata	gacaatctaa	gatcacacct	180
caaagaacta	gagaaacaaa	aacaaaccaa	acccaaaccc	agcagaagaa	aggaagtaac	240
cacgatcaag	cagaactaaa	tgaaattgaa	acaacaacaa	aaacaatata	aaagataaat	300
gaaacaaaaa	gctagttctt	tg				322

<210> 2272

<211> 326

<212> DNA

<213> Homo sapiens

<400> 2272

ggcgtcgtag	tctcctgcag	cgtctggggg	ttccgttgca	gtcctcggaa	ccaggacctc	60
ggcgtggcct	atcgagttat	ggcgacgaag	gccgtgtgcg	tgctgaagg	cgacggccca	120
gtgcagggca	tcataaattt	cgagcagaag	gaaagtaatg	gaccagtga	ggtgtggccg	180
atgtgtctat	tgaagattct	gtgatctcac	tctcaggaga	ccattgcata	attggccgca	240
cactggtggg	ccatgaaaaa	gcagatgact	tggggcaaagg	tggaatgaa	gaaagtacaa	300
agacaggaaa	cgctggaagt	cgcttg				326

<210> 2273

<211> 130

<212> DNA

<213> Homo sapiens

<400> 2273

aacataacca	ttcttaattt	aactgtttat	attatcctaa	ctactaccgc	attcctacta	60
ctcaacttaa	actccagcac	cacgacctta	ctactatctc	gcacctgaaa	caagctaaca	120
tgactaacac						130

<210> 2274

<211> 406

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(406)

<223> n = A,T,C or G

<400> 2274

cgttgctgtc	gccggggcgg	aggagaggac	ctccttggtt	cctttggttc	tgtcagtga	60
ccccttcctt	ggccatgaag	ctcgtgagga	agaacatcga	gaaggacaat	gcgggccagg	120
tgacctggtt	ccccgaggag	cctgaggaca	tgtggcacac	ttacaacctc	gtgcaggtgg	180
gcgacagcct	gcgcgcctcc	accatccgca	aggtacagac	agagtcctcc	acgggcagcg	240

tgggcagcaa	ccgggtccgc	actaccctca	ctctctgcgt	ggaggccatc	gacttcgact	300
ctcaagcctg	ccagctgogg	gttaagggga	ccaacatcca	agagaatgag	tatgtcaaga	360
tgggggctta	ccacaccatc	gagctggagc	ccaaccgcca	gttcan		406

<210> 2275

<211> 245

<212> DNA

<213> Homo sapiens

<400> 2275

tgattttctgt	ggatcccagc	ttggttccag	gaatttttgtg	tgattggcctt	aaatccagtt	60
ttcaatcttc	gacagctggg	ctggaacgtg	aactcagtag	ctgaacctgt	ctgaccgggt	120
cacgttcttg	gacctcaga	actctttgct	cttgctgggg	ggggggtgag	ctcccatgtc	180
tacgagcaca	gggggtcttt	ggctatccgg	cctgataggt	ggtatcgta	catcctcttg	240
tgctg						245

<210> 2276

<211> 375

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(375)

<223> n = A,T,C or G

<400> 2276

tgagccaggc	atggtggtgc	atgcctataa	tcccagctac	ttgggaggct	gaggcaggag	60
aactgcttga	acccgggagg	tggagggtgc	agtgagtaaa	gatcgcgcta	ttgcactcca	120
gctctgggca	acagagcaag	actccatctc	ggggaaaaaa	gcaaaacaaa	acaaaacaaa	180
aatcaaaaaa	ataaataaag	tgtgacaggg	tgtcctacta	tgcaatagag	taacacatca	240
gaaaaaacia	aataaggctgg	gcacattggc	tcatgcctgc	aatcctagcc	ctttgggtgg	300
ctgagtgagg	gagggtccct	tgagctgagg	agttggagac	cagcctgtgc	acaaaaacac	360
aacottgtct	ctacn					375

<210> 2277

<211> 394

<212> DNA

<213> Homo sapiens

<400> 2277

cgttgctgtc	ggtttcacca	tgttggccag	gctggtctcg	agctccgacg	tgctgggtgg	60
ggtggtttcc	atgctgagca	ccgcccccca	gcccatccgc	aacatcggtg	tccagtcagc	120
tgtccccaag	gttatgaagg	tgaagctgca	gccaccctcg	ggcaggagag	tgccagcttt	180
taaccccatc	gtccaccctc	cagcaatcac	ccaggtcctg	ctgcttgcca	acccccagaa	240
ggagaagggt	cgctccgct	acaagctcac	cttcaccatg	ggtgaccaga	cctacaacga	300
gatgggggat	gtggaccagt	tccccccacc	tgaacactgg	ggtagcctct	ataacagagg	360
ggctggggag	aggaaggggc	agaggggaccg	gtca			394

<210> 2278

<211> 149

<212> DNA

<213> Homo sapiens

<400> 2278

gaggttcttg	gaagatggcg	aaggctctag	agctttacga	tgtaacttgg	gaagaaatga	60
gagataaaat	gagaaaaatg	agagaagaaa	acttcagaaa	tagtgagcaa	attgtggaag	120



ttggtgaaga attaattaat ggagatgcg

149

<210> 2279

<211> 218

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(218)

<223> n = A,T,C or G

<400> 2279

aacactgaac	tgacaattaa	cagcccaata	tctacaatca	accaacaagt	cattattacc	60
ctcactgtca	acccaacaca	ggcatgctca	taaggaaagg	ttaaaaaaag	taaaaggaac	120
tcggcaaatc	ttaccccgcc	tgtttaccan	angagatata	aaaaaattta	aanggggggg	180
gcgttttttt	tttttttccg	acctgtgaaa	atatTTTT			218

<210> 2280

<211> 141

<212> DNA

<213> Homo sapiens

<400> 2280

gaactgacaa	ttaacagccc	aatatctaca	atcaaccaac	aagtcattat	taccctcact	60
gtcaacccaa	cacaggcatg	ctcataagga	aagggttaaaa	aaagtaaaag	gaactcggca	120
aatcttacc	cgcttggtta	c				141

<210> 2281

<211> 325

<212> DNA

<213> Homo sapiens

<400> 2281

atgttagctg	agtgatggcc	aagttttttc	tctggacagt	aatgtaaagt	tcttactgga	60
aatgacaagt	ttttgcttga	tttttttttt	ttaacaaaaa	atgaaatata	acaagacaaa	120
cttatgatag	atcaggggtg	ttgttatggt	tttttaattt	aaaaatgcaa	ccctgcccc	180
tccccagcaa	agtcacagct	ccatttcagt	aaagggttga	gtcaatatgc	tctgactgac	240
aggcaaccct	gtagtcatgg	agaaaggttt	ttaaagatct	agtccaatct	ttttctagag	300
aaaaagataa	tctgaaactc	acaaa				325

<210> 2282

<211> 359

<212> DNA

<213> Homo sapiens

<400> 2282

gtgacacaac	ctatggaaac	cctctgggata	cagcaaaatt	gatgctaaga	agaaagttca	60
tggcattaaa	tgctacatc	aaagagtctg	aaagaacaca	aatagacgat	ttaaggtctc	120
acttcaaggg	actagagaat	caagaacaaa	caaaacccaa	accagcaga	agaaataaga	180
tcagagcaga	actaaatgaa	attaaaacaa	aacaaatata	taggacaaat	gaaacaaaaa	240
gctcgttatt	agaaaagata	aacaaaatta	atagactatt	atcaagatta	accaagaaaa	300
gaagagagaa	gatcgcaatg	ggctcaatta	gaaacaaaaa	aggagatatc	acaaccaag	359

<210> 2283

<211> 376

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(376)

<223> n = A,T,C or G

<400> 2283

cggttgctgtc	gctgccaggg	cggtccgacg	tgctggtggt	ggtgggtttcc	atgctgagca	60
ccgcccccca	gcccatccgc	aacatcgtgt	tccagtcagc	tgcccccaag	gttatgaagg	120
tgaagctgca	gccaccctcg	ggcacggagc	tgccagcttt	taaccccatc	gtccaccctt	180
cagcaatcac	ccaggctcctg	ctgcttgcca	accccagaa	ggagaagggt	cgctccgct	240
acaagctcac	cttcaccatg	ggtgaccaga	cctacaacga	gatgggggat	gtggaccagt	300
tccccccacc	tgaaacctgg	ggtagcctct	aaaacagagg	ggctggggag	aggaaggggc	360
anaggaacc	ggcact					376

<210> 2284

<211> 150

<212> DNA

<213> Homo sapiens

<400> 2284

gaactgacaa	ttaacagccc	aatatctaca	atcaaccaac	aagtcattat	taccctcact	60
gtcaacccaa	cacaggcatg	ctcataagga	aaggttaaaa	aaagtaaaag	gaactcggca	120
aatcttacc	cgcttggtta	ccaaaaaaaa				150

<210> 2285

<211> 396

<212> DNA

<213> Homo sapiens

<400> 2285

cggttgctgtc	ggtccggggc	tatggctgtg	actctggaca	aagacgotta	ttatcggcga	60
gtgaagagac	tgtacagcaa	ttggcggttg	aggaagatcc	tgtaattttt	cctagggagc	120
ccccttagcc	atcccataat	aacctgtttt	ctcggcgccc	ttttttctct	ttcggtcagg	180
aattcccggg	ttctgtgcct	cacctttttc	gttgcctccg	aatcatteac	cggaggcggc	240
cacgaacgct	gccccttaac	agggaaatcc	cgcattcac	cctgtcctgc	ggccatcacc	300
atcttccccg	cgtgccagcc	ttggctatgc	atagcagcac	ctctcgagct	ctcttccgc	360
cctagaagag	gcaacatcct	tcctctctac	tccgtg			396

<210> 2286

<211> 353

<212> DNA

<213> Homo sapiens

<400> 2286

gagagtccct	ccttgctctg	gcccctactc	tttctggtgt	tagatcgagc	taccctctaa	60
aagcagttta	gagtggtaaa	aaaaaaaaaa	aaacccccca	accgctcgaa	cccccaaagg	120
ggagaaaatt	tttttgggac	atcctcctgc	ttttcccgat	actgaacgtt	ggctccctaa	180
agcccttcgg	gaagcttttt	tttctataaa	ggaaaaaatc	accccccggt	aaaatcgggc	240
tgattacagg	acctggcctg	ggaatgggaa	aactgcccgc	ctataaattt	gctaaactaa	300
aaagcaagcg	ggttttttgg	aataaaaaata	accatggact	ggaggaaaca	ccg	353

<210> 2287

<211> 131

<212> DNA

<213> Homo sapiens

<400> 2287  
tagtagacta cacaacagcg aaggaatttg ctgattccct tggaattccg tttttggaaa 60  
ccagtgctaa gaatgcaacg aatgtagaac agtcctttcat gacgatggca gctgagatta 120  
aaaagcgaat g 131

<210> 2288  
<211> 328  
<212> DNA  
<213> Homo sapiens

<400> 2288  
ggaatccccg gcggcagtgg ggctgttgct gttgctgtgg ctgtcgctgc ccgtcaggct 60  
gccttctttt gtcgtttccc agcgctgcgc aggacttctc ctggcggcgc tgcggatcca 120  
gggggtcggc tgccaggtag aggggttgag gctgggcaaa cgccgcgaaa ctatcgctct 180  
tccccgtccc gcttccgcgc ctgtccaccc tgggtaacgg aaccagcatc gcggtaggga 240  
catcctcgct agggccggcc ggaccattcc tcagggtggg ccctttccga agccgggacc 300  
gctcctgctt gtcggcatcg ctcccccg 328

<210> 2289  
<211> 385  
<212> DNA  
<213> Homo sapiens

<400> 2289  
cgttgctgtc ggatgaaatt ggagctctgg ataatgcaga attggaaggt tctattcaag 60  
tggaacagcaa tcgcttacag gaagctttga atgactacta taaagagaac gcagacaacc 120  
gtgtacaact gaataaccctt gaacccttgg aggatcacga cctgcctatg aatgatctcg 180  
acgactctga gaaggactac ttgaggactg tagaccttga gcaaacatat gagacgtggg 240  
taacgctgtc atggacgcgg ttaaaccagca caagccataa ctgttcacca ctattaccac 300  
aaacctaggg gtcgggacgg gaattgaaat ccgcgaaggc tccctagtct tccatagcct 360  
taatcaatac aggccgaaca gagga 385

<210> 2290  
<211> 334  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(334)  
<223> n = A,T,C or G

<400> 2290  
atatcaaaac ctccaggata ccgcaaaggc agtgctaaaa ggaaagttca tagcggttaa 60  
tgcctacatc cccaagtctg aaagagcaca aatagacaat ctaagggtcac acctcaagga 120  
actagagaaa caagaacaaa ccaaaccoca acccaaaccc agcagaagaa aagagataac 180  
caacatgaga ccagaactaa atgaaattga aacaacaaca acaacaaaaa ccaacaaaaa 240  
ataaataaaa cagaaagctg gttctttgaa aagataaata agattgatag aacattagca 300  
agattaacca agaaaagaag agagaagatc cnaa 334

<210> 2291  
<211> 426  
<212> DNA  
<213> Homo sapiens

<400> 2291

cg	tt	gg	tg	tc	gg	ca	tt	ag	tc	ac	tt	tg	aa	at	gt	aa	ca	aa	tg	gt	ac	ta	ca	aa	ca	ac	ca	at	tc	ca	ag	60
tt	tt	ga	tt	tt	ta	ac	ac	ca	ta	tg	gc	ac	ct	tt	tt	tg	ca	ca	ta	ac	at	gc	tt	ta	ga	tt	at	at	at	tc	cg	120
ca	ct	ca	ag	ga	gt	aa	ac	ca	gg	tg	cg	tc	ca	ag	ca	aa	aa	ca	aa	at	tg	gg	aa	aa	aa	aa	aa	aa	aa	aa	aa	180
ct	gg	gt	gg	ac	tt	tt	g	aa	aa	ag	ct	tt	tt	tt	tt	tt	tt	tt	tt	tt	tt	tt	tt	tt	tt	tt	tt	tt	tt	tt	tt	240
tt	cc	cc	cg	gg	gg	gg	gg	gg	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	300
ta	aa	aa	aa	aa	tt	gg	cg	gg	gt	ca	cc	cc	cc	cg	ag	gg	gt	gg	aa	ta	ag	gg	gg	gg	cc	cc	tt	tc	cc	ac	360	
cc	aa	ag	tt	at	tt	tt	gg	tt	tt	tt	tt	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	420
tt	ta	aa																														426

<210> 2292  
 <211> 391  
 <212> DNA  
 <213> Homo sapiens

cg	tt	g	ct	g	ct	g	tc	g	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	60	
t	c	t	t	a	a	c	t	c	a	g	a	c	t	t	g	t	a	a	a	c	g	c	c	t	c	a	a	a	a	a	a	a	120
t	c	t	t	t	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	180	
a	g	g	a	t	g	g	a	c	a	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	240	
t	t	t	a	c	c	c	c	c	c	a	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	300	
c	c	t	t	t	g	g	a	a	t	g	c	a	g	c	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	360
t	t	a	g	g	g	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	391

<210> 2293  
 <211> 331  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(331)  
 <223> n = A,T,C or G

gg	cg	aca	aa	ac	ct	ac	cg	ag	cc	tg	gt	ga	ta	gc	tg	gt	tg	tc	ca	ag	ta	ga	aa	tc	tt	ag	tt	ca	ac	60		
tt	ta	aa	tt	tg	cc	ac	aga	aac	cct	cta	aa	tc	cc	tt	gt	aaa	tt	ta	act	gt	ag	tc	caa	aga	ag	tc	caa	aga	120			
gg	aa	ca	g	ct	c	t	g	a	ca	ct	ag	g	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	180	
aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	aa	240
gt	tt	g	g	g	cc	a	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	300	
ag	gt	tt	tt	gg	tt	tt	tt	gg	aa	cc	tt	ta	aa	g	c																	331

<210> 2294  
 <211> 235  
 <212> DNA  
 <213> Homo sapiens

ca	g	t	a	g	a	c	a	c	t	g	a	g	g	c	c	t	c	a	g	a	c	t	g	g	a	g	a	c	a	c	c	t	g	g	g	cc	60
ag	c	a	t	c	a	g	c	a	g	c	a	g	c	a	g	c	a	c	a	g	c	a	g	c	a	g	c	a	g	c	a	c	c	c	c	c	120
ct	t	c	t	t	a	a	a	c	t	c	g	c	c	t	g	g	a	a	g	a	c	a	g	a	g	a	a	a	a	a	a	a	a	a	a	180	
t	c	t	g	c	c	c	t	a	a	act	gc	ac	ca	ca	ca	ca	ca	ca	ca	ca	ca	ca	ca	ca	ca	ca	ca	ca	ca	ca	ca	ca	ca	ca	ca	235	

<210> 2295  
 <211> 414  
 <212> DNA  
 <213> Homo sapiens

<400> 2295  
 cggttgctgtc ggggaaataa gaagaatgaa agcctctctt tctgtccgca gatcctgact 60  
 ttcccaaagt gccttaaaag aaatcagaca aatgccctga gtggtaactt ctgtgttatt 120  
 ttactcttaa aaccaaactc taccttttct tgtttttttt tttttttttt ggggccccctc 180  
 cccttccggg caagggggggg ggtccctttt taaacccagg gaaaaaccgg cccccccctt 240  
 tgggtggacga agggctctaa gggccccccc gggccccagg gccacccgg gccccatttg 300  
 gccgggtgg ttgccgggcc ccggaaaacc ccggggcccc ggttccttta cgggggattt 360  
 aggggcgggg ggtccaggga ccattccctt tcccggggag ttataccgag aaag 414

<210> 2296  
 <211> 377  
 <212> DNA  
 <213> Homo sapiens

<400> 2296  
 ttgcaaaggc taaagagttg ggtgccactg aatgcatcaa ccctcaagac tacaagaaac 60  
 ccattcagga agtgctaaag gaaatgactg atggagggtg ggattttttg tttgaagtca 120  
 tcggttcggg cgataccatt actgccttcc ctgctatgat gtcattattc ttatatgttt 180  
 cgtacctctc tttgggtttc tcttgttttc ttaatttttc ctcttgactc tttctttggt 240  
 ctatctccc acctctttta ttctctttt ccttttttgt ataatactgt ctctatcat 300  
 tctttcttt atcttcaccc tctacgtcct tttctttggt ttaatccttc tgactttttc 360  
 gtttctctt ccgtctc 377

<210> 2297  
 <211> 412  
 <212> DNA  
 <213> Homo sapiens

<400> 2297  
 ggcacgaggc agagccagcc ccgacccccg ggccacctgg gcccccggt tccgccggca 60  
 ctctcgccac caccgctgg gtctgacaag atgtaccagg tcccaactacc actggatcgg 120  
 gatgggaccc tggtagcgt ccgcttcacc atgggtggcc tggtcacgg ctgctgtcca 180  
 cttgtcgcc tctctctctg catcctctgg tccctgctct tccacttcaa ggagacaacg 240  
 gccacacact gtgggcatc caogaaaatg ctttcattgt gttcattgcc tcatccctcg 300  
 ggcacatgct cctcacctgc attctctggc ggttgaccaa gaagcacaca gtaagtcagg 360  
 aggtacggtc tatccctagc gggggctcca aggcagccca gaagataatt ag 412

<210> 2298  
 <211> 342  
 <212> DNA  
 <213> Homo sapiens

<400> 2298  
 tacgtctgct agaacacgac agaaggggaa ccggatgctg gacaggcacc ccggcttggc 60  
 gctgtctctc cccctcggt cggagaggcc cttcggcctg agggagcctc gccgcccgtc 120  
 cccggcacac gcgcagcccc ggcctctcgg cctctgccgg agaaacaggt gaagggggtg 180  
 cagggtgggg ccggtgggga ggcctgggga cccgggggct ccgcagcggc agggggcctc 240  
 tgggaccttg gggatgttg gatggacgct gcagtggggc cgggagagat gaagagacgc 300  
 ggagggtcgc cctgagggaa gactcttcgg gatgacagga gc 342

<210> 2299  
 <211> 169  
 <212> DNA  
 <213> Homo sapiens

<400> 2299  
 cgatggtagt cgccgtgcct accatgggtga ccacgggtga cggggaatca gggttcgatt 60

ccggagaggg	agcctgagaa	acggccacca	catccaagga	aggcagcagg	cgcgcaaatt	120
acccactccc	gacccgggga	ggtagtgaca	aaaaaaaaaa	aaaaaaaaaa		169

<210> 2300

<211> 141

<212> DNA

<213> Homo sapiens

<400> 2300

cacccaccag	tgggaccacc	agagatgtgg	atgggatggg	ttctgtgatg	accagcaaaa	60
acacagtcag	agaaagcagg	actgaaatac	aaagcgtcac	tttttcacca	cagtccgaag	120
gaaggtaaaa	gaccaacacg	g				141

<210> 2301

<211> 318

<212> DNA

<213> Homo sapiens

<400> 2301

gaagggcgct	ccgcgagccc	gtctctcctc	gaatgaaagg	aaacaacctc	cgcgacaga	60
gccccgctct	caggcactgc	tggagaaccg	agaccgactt	ctttctcttt	accctcattg	120
gcgcttctct	cctgcagtcc	gcctctgggc	cctgccgcac	ttcttgagac	ttaaagtggc	180
attctaaagg	caatttaaaa	aatcaatggg	cagctcagtt	gaacagaaaa	aagggcctac	240
aagacagcgc	aaatggggct	tttggtagtc	aaatagagac	aaagaatgtg	gacagttact	300
aatatctgaa	aaccagaa					318

<210> 2302

<211> 151

<212> DNA

<213> Homo sapiens

<400> 2302

cgttgctgtc	gcttaaagcg	ggccttcgtg	aggatgagta	caagccctga	ggctttcctg	60
gcgctccgct	cccacttcgc	cagctctcac	gctctgatat	gcatcagcca	ctggatcctc	120
gggattggag	acagacatct	gaacaacttt	a			151

<210> 2303

<211> 298

<212> DNA

<213> Homo sapiens

<400> 2303

cctcctctct	gccttccaac	ctccagagga	cgagaccta	aggggtgcctg	attggctgag	60
gagggcgggg	ctaagacaag	gggcggggct	gccgagacct	tgggcccgcg	tgagggaaaa	120
tttgggttcg	attaagccgc	agaggaaaag	accaggggag	tctgggcccc	tttgggcgtc	180
ggggcccgct	aggtcagccg	tcacgaata	cagaatatgt	tttcgaggac	gctaatatgt	240
agtcatgacc	aatttcagtt	cttctacttt	ctgcgggcct	tcgcaaaaaa	aaaaaaaa	298

<210> 2304

<211> 390

<212> DNA

<213> Homo sapiens

<400> 2304

cgttgctgtc	gcaggcactg	tcctccctgg	agctgctcaa	cgttctcttc	aggacctgca	60
aacatgagaa	gctgaccttg	gacctgacgg	tgctcctggg	tgtgctgag	gggcaacagc	120
agagcctaca	gcagggggca	cactccaccg	gctccagccg	cctgcacgac	ctctactggc	180

aggccatgaa	aaccctggga	gtccagcgcc	ccaagttgga	gaagaaggat	gccaaaggaga	240
tccccagtgc	caccagagc	cccatcagta	agaagcggaa	gaaaaaggga	ttcttgccag	300
agacgaagaa	gcgcaagaaa	cgcaagtcag	aggatggcac	gccagcggag	gatggcacac	360
ctgcagccac	cggcgggagc	cagcccccca				390

<210> 2305  
 <211> 391  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(391)  
 <223> n = A,T,C or G

<400> 2305						
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gggtgtgctg	caggggcaac	agcagagcct	acagcagggg	gcacactcca	cgggtcctcag	180
ccgcctgcac	gacctctact	ggcaggccat	gaaaaccctg	ggagtccagc	gccccaaagt	240
ggagaagaag	gatgccaagg	agatccccag	tgccaccag	agccccatca	gtaagaagcg	300
gaagaaaaag	ggattcttgc	cagagacgaa	gaatcgcaag	aaacgcangt	cataggatgg	360
cacgcccaacg	taggaatgca	cacctgcaac	c			391

<210> 2306  
 <211> 389  
 <212> DNA  
 <213> Homo sapiens

<400> 2306						
cgttgctgtc	ggtggatgtc	ttgcagtgat	gattctgcaa	aacctctttt	ctaaccctga	60
gaaattcttc	agtattcgta	cgaggtggct	cgactgctca	acctcaccga	gaggcaggctc	120
aagatctggt	tccagaaccg	caggatgaaa	atgaagaaaa	tcaacaaaga	ccgagcaaaa	180
gacgagtgtg	gccatttggg	cttattttaga	aaaaagggtg	agctagagag	aaaaagaaag	240
aactgtccgt	cccccttccg	ccttctccct	tttctcacc	ccaccctagc	ctccaccatc	300
cccgcacaaa	gcggctctaa	acctcaggcc	acatcttttc	caaggcaaac	cctgttcagg	360
ctggctcgta	ggcctgcccgc	tttgatggg				389

<210> 2307  
 <211> 159  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(159)  
 <223> n = A,T,C or G

<400> 2307						
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taccgctcca	agcccagccc	tcattccatgg	catgccccct	ggatcangcc	attgggctcc	120
ttgtggccat	ctttcacaag	tactccggca	gggagggtg			159

<210> 2308  
 <211> 147  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(147)  
 <223> n = A,T,C or G

<400> 2308  
 ggttttttcag ctcacttcaa gggtaacctga agcgaattgg caccaaagca gcagctgtat 60  
 tgccgcagtt ctactttcac cttcacgatg tttcccttgg tcaaaagcgc actaaatcgt 120  
 ctccaagtgc gaagcattca gcaaacn 147

<210> 2309  
 <211> 148  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(148)  
 <223> n = A,T,C or G

<400> 2309  
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 gggagatcgc ggacgggttg tgcctggagg tgtaggggaa gatggtcagt aggacagaag 120  
 gtaacattga tgactcgcctc attggtgn 148

<210> 2310  
 <211> 391  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(391)  
 <223> n = A,T,C or G

<400> 2310  
 cagccatttc tctgtgtctc gcctcctgag tagctgggac tacaggcgcc cgccaccatg 60  
 cccagctaatt ttttttgtat ttttagtaga gacgggtttt caccgtgtta gccaggatgg 120  
 tctcgatctc ctgacctcgt gatctgcccg ccttggcctc ccaaagtgcg gggattacag 180  
 gcatgagcca ccgcgcctgg cccattttct tctctttttg aggtaatgga tttgtttgga 240  
 gatggcatgt tagtagacga ctgaatatgg aaaggatatc gagttatcta ttttggtaat 300  
 tntatttttg gtttttatca tctagatttt tatcatggat tagtctgaaa tttaaagtgc 360  
 tggccagtcg gttttctttt atcttggaag g 391

<210> 2311  
 <211> 166  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(166)  
 <223> n = A,T,C or G

<400> 2311  
 aaaaggctcn natnaattgc aaagatgtct gacacagtct ggcattgctg gaggatacaa 60



accttttaac	ctggagactt	gccggettatt	ggtttcaatg	ctggatagag	atatgtctgg	120
cacaagggtt	tcaatgaatt	taaagaactc	tgggctgtac	tgaatg		166

<210> 2312  
 <211> 149  
 <212> DNA  
 <213> Homo sapiens

<400> 2312						
atgacccacc	aatcacatgc	ctatcatata	gtaaaaccca	gcccatgacc	cctaacaggg	60
gccctctcag	ccctcctaata	gacctccggc	ctagccatgt	gatttcactt	ccactccata	120
acgtcctca	tactatgcct	actaaccaa				149

<210> 2313  
 <211> 296  
 <212> DNA  
 <213> Homo sapiens

<400> 2313						
gcttcggctg	caagaagacg	acggaagggg	gggtgttttgc	gggtagcgcg	gcgtgataag	60
ccatgagcac	caaaggctct	ggcgacaccc	tgtacgaggc	ggcgcgggaa	gtgctgcacg	120
ggaaccaacg	caagcgccgc	aagatcctgg	agacggtgta	gttgcctgagc	agcttgaata	180
actatgatcc	cctgaaggac	aagggttttt	gggacacgcg	gaggcttaag	tccactcggc	240
gccgtaggtt	ctttgagttt	gggctggggg	accagcagct	ctgggtggag	gctaag	296

<210> 2314  
 <211> 166  
 <212> DNA  
 <213> Homo sapiens

<400> 2314						
ggccgacgtg	ttcttgccgt	ggcggagcgg	cggattatcc	ttcgcggggc	aaaatggagc	60
tcgaggccat	gagcagatat	accagcccag	tgaaccagc	tgtcttcccc	catctgaccg	120
tggtgctttt	ggccattggc	atgttcttca	ccgactgggt	cttcgg		166

<210> 2315  
 <211> 178  
 <212> DNA  
 <213> Homo sapiens

<400> 2315						
ctacgcttgc	tgtttgccgt	ctctgaaagg	gacaccaagg	ctgtgattta	caccaactgt	60
cgagcactgc	ttctccatgg	agaaactaga	aaaactgctt	ttggaattat	ctctacagtg	120
aagaaacctc	ggccatcaca	aggagatgaa	cattgtcttc	cagcttccat	gaaagact	178

<210> 2316  
 <211> 151  
 <212> DNA  
 <213> Homo sapiens

<400> 2316						
gacttgggct	gaggagccgc	cgcgtccctt	cgccgagtc	cctcgccaga	ttccctccgt	60
cgccgccaag	atgatgtgcg	gggcgccctc	cgccacgcag	ccggccaccg	ccgagaccca	120
gcacatcgtc	gaccaggtga	ggtcccagct	t			151

<210> 2317  
 <211> 402

<212> DNA

<213> Homo sapiens

<400> 2317

ggcacgaggc	gggttccttt	tttagaagct	ttgtgggttg	atTTTTTTTT	cttttctttt	60
ttggacattt	ttaattgcag	tttaaaagt	aatcgtaaga	gaacctcagc	attgtgcacg	120
ataagagaat	gtgtcagtat	ttcagggttc	tacattttat	ctgtaaaatg	tgactttttt	180
ttttttttat	cacaccaaaa	gaaaaagggtg	gtttggcccc	gggggttttt	tataaaaaat	240
taaccccccc	cttttttcac	aaaaaaaaaac	agcggggagt	tttggcccca	ttataaaaaa	300
agggttccca	cccaaatttt	tgtggggcct	agggggccct	cagaaatggc	ataaaaaactt	360
ggaccggcta	aaataacccc	ccaccctttt	tgaagtgggg	gg		402

<210> 2318

<211> 187

<212> DNA

<213> Homo sapiens

<400> 2318

gaccacgctt	ttcatctgtc	ccgctgcgtg	ttttcctctt	gatcgggaac	tcctgcttct	60
ccttgctctg	aaatggaccc	caactgctcc	tgctcgctcg	ttggctactg	tgctgtggc	120
ggctcctgcc	catgctaaga	gtgcaaatgc	tcctcctgca	agaagaactg	ccgctcctgc	180
tggcctg						187

<210> 2319

<211> 155

<212> DNA

<213> Homo sapiens

<400> 2319

gaaagcagca	gctgtattgc	cgcagttcta	gcttcacctt	cacgatgttt	cccttgggtca	60
aaagcgcact	aaatcgtctc	caagttcgaa	gcattcagca	aacaatggca	aggcagagcc	120
accagaaacg	tacacctgat	ttttatgaca	aataa			155

<210> 2320

<211> 314

<212> DNA

<213> Homo sapiens

<400> 2320

cattggtatt	tcattgtatg	acaatgatgt	tcactttttac	cacttttcatt	taacacagta	60
ctggaagtgc	tagccagagc	aataagaaaa	gagatagaaa	taaagtccat	ccaaattgga	120
aatgcagagg	tcaaattgtc	cttgtcatag	acaattgatc	ttatattatg	aaaaacctaa	180
ataattcatc	aaaaaaactgt	tagaattgat	aaacaaattc	agtaagttta	caggctataa	240
aatcaatatg	gaaaaatttg	aagcatttct	acatgccaac	agtggacaat	gtgaaaaaga	300
aatcaagaaa	gcaa					314

<210> 2321

<211> 352

<212> DNA

<213> Homo sapiens

<400> 2321

ggtgaaaaaa	ggaatcattg	acccaacaaa	ggctgtgaga	actgctttat	tggatgctgc	60
tgggtgtggc	tctctgttaa	ctacagcaga	agttgtagtt	acagaaattc	ctaaagaaga	120
aaaagaccct	ggaatgggtg	caatgggtgg	aatgggaggc	gttctttttac	tttctgtacg	180
aagctatttc	tattaaaaaa	ccaaaaatct	aatctctttac	attatTTTTT	gcctttatac	240
aaatatatTT	cctactttcta	tctcacagtc	attctatata	gcgtctcata	ctcctaattt	300

tactatatcc actttatcaa ctttatcctc tatacgacct tgtataaata tc 352

<210> 2322

<211> 289

<212> DNA

<213> Homo sapiens

<400> 2322

gcagagctaa	ggaagaagag	cgcctaaata	aactccgact	ggaaagcgaa	ggctctcctg	60
aaactcttac	aaacttaagg	aaaggatacc	tgtttatgta	taatcttggt	caattcttgg	120
gattctcctg	gatctttgtc	aacctgactg	tgcgattctg	tatcttggga	aaagagtcct	180
tttatgacac	attccatact	gtggctgaca	tgatgtattt	ctgccagatg	ctggcagttg	240
tggaactat	caatgcagca	attggagtca	ctacgtcacc	ggtgctgcc		289

<210> 2323

<211> 171

<212> DNA

<213> Homo sapiens

<400> 2323

gcaagcgcca	ccctagcaat	atcaaccatt	aacctttcct	ctacacttat	catcttcaca	60
attctaattc	tactgactat	cctagaaacc	gctgtcgcct	taatccaagc	ctacgttttc	120
acacttctag	taagcctcta	cctgcacgac	aacacataaa	aaaaaaaatt	c	171

<210> 2324

<211> 405

<212> DNA

<213> Homo sapiens

<400> 2324

cggttgctgtc	ggacctgccc	cggggccagg	tggagaaagt	gagggccgta	caaggaagtg	60
aaattctgag	ttggtggggc	taagcctgac	cccctctcca	tgctccccgc	cccaaccac	120
tctggcctca	gtagatTTTT	ttttcagttg	tggttggtgc	ccaggctgga	gtgcagtggc	180
gccatcttgg	ctcactgcac	ctccaccttc	cgggctcaag	cgattctcca	gcctcagcct	240
cctgagtgc	taggactgca	ggtgctccac	cacgccgggc	taatttttgt	atttttagta	300
gagatggggg	ttccccatgt	tggccaggct	ggtctcgaac	tcctggcctc	aggtgtgac	360
cggccgcctc	cgctcccca	gcgctgagat	acagggggga	gccac		405

<210> 2325

<211> 158

<212> DNA

<213> Homo sapiens

<400> 2325

gacttcaagg	gtacctgaag	cgaattggca	ccaaagcagc	agctgtattg	ccgcagttct	60
agcttcacct	tcacgatgtt	tcccttggtc	aaaagcgcac	taaatcgtct	ccaagtctga	120
agcattcagc	aaacagtggc	taggcagagc	caccagaa			158

<210> 2326

<211> 375

<212> DNA

<213> Homo sapiens

<400> 2326

cgttgctgtc	tttctatgag	agaccgggct	ttaccatatt	acccacgagg	ctgttgagggt	60
cctgagcttg	agatacacc	gcctccctct	tccaaagctc	tgagattaca	gacttgagcc	120
accttgctctg	gacggaaatc	tcagaattct	ttaagactga	cctaattgct	gcatcccaag	180

tttacatgca	cttttcctttt	tatttgtgttc	gccacttgcc	cttttgtgtcc	cacttcatgc	240
ctgtcatgtt	ctacctgact	tgcgacatgg	actgacggat	tatactgccc	ccagagaagg	300
agcttgccat	gcccggggag	gacctgaaaa	tcaaactaat	cttgcggcag	acaatgatct	360
tagagaaagg	ccagc					375

<210> 2327  
 <211> 427  
 <212> DNA  
 <213> Homo sapiens

<400> 2327						
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gggagaagct	gccggtcgca	ctcacaaatga	cgacgctcct	gctattgctg	ctggagctcc	120
gggagctggg	agaggcccaa	ggatcccttc	acagatggaa	tacttcggca	ctatctccat	180
tggctgccca	ccacagaact	tcactggcat	cttcgacact	ggctcctcca	acctctgggt	240
cccctctgtg	tactgcacta	gcccagcctg	cagtgggaagg	actaaccgtg	gttggccagc	300
agtttgagga	aagtgtcaca	gagccaggcc	agacctttgt	ggatgcagag	tttgatggaa	360
ttctgggcct	gggatacccc	tccttggtcg	tgggaggagt	gactccagca	tttgacaaca	420
tgatggc						427

<210> 2328  
 <211> 314  
 <212> DNA  
 <213> Homo sapiens

<400> 2328						
gggcgttggg	ggcagagatc	atcctgacga	cgctgctggc	cctggctgta	tgcattgggtg	60
ccatcaatga	gaagacaaag	ggccctctgg	ccccgttctc	catcggtctt	gccgtcaccg	120
tggatatcct	ggctgggggc	cctgtgtctg	gaggctgcac	gaattccgcc	cgtgcttttg	180
gacctgcggt	ggtggccaac	cactggaaact	tccactggat	ctactggctg	ggcccaactcc	240
tgactggcct	gcttggtgca	ctgctcatta	tgtgcttcaa	tgcacaccgg	aagattccggc	300
ctcatccctg	aagg					314

<210> 2329  
 <211> 321  
 <212> DNA  
 <213> Homo sapiens

<400> 2329						
agacaaaggg	ccctctggcc	ccgttctcca	tgggctttgc	cgtcaccgtg	gatatcctgg	60
ctggggggccc	tgtgtctgga	ggctgcatga	atcccgccc	tgcttttgga	cctgcggtgg	120
tggccaacca	ctggaacttc	cactggatct	actggetggg	cccactcctg	gctggcctgc	180
ttgttggaact	gctcattagg	tgcttcattg	gagatgggaa	gaccgcctc	atcctgaagc	240
ctcgggtgaag	cagagctcgt	gggattcctg	ctgctccagg	tgtcctcagc	tcacctgtcc	300
cagactcaag	acaggggagt	g				321

<210> 2330  
 <211> 270  
 <212> DNA  
 <213> Homo sapiens

<400> 2330						
gacacgttgg	ctgcgttttc	ggcgggcttc	ccgggtacaa	aaatggctgt	ggctagcgat	60
ttctacctgc	gctactacgt	agggcacaag	ggcaagtttg	ggcacgagtt	tctggagttc	120
gaatttcggc	cggacggaaa	gcttagatat	gccaacaaca	gcaattacaa	aaatgatgtg	180
atgatcagaa	aagaggctta	tgtgcacaag	agtgtaatgg	aagaactgaa	gagaattatt	240
gatgacagtg	aaattacaaa	agaagatgat				270

<210> 2331

<211> 331

<212> DNA

<213> Homo sapiens

<400> 2331

tgggggcgac	taacctaccg	agcctgggtga	tagctgcttg	gacgagatag	aatcttaggt	60
caactttata	ttcggccaca	gaacctctta	catccccttg	tgaatttatc	tgtagtcca	120
aagaggaaca	gctgtttgga	cactatgaaa	aaaccttgcg	gagagagtaa	aaaatttaac	180
acccatagtt	aacctaccga	gcctgggtgat	agctggctgg	ccaagataga	atcttagttc	240
aacttttaat	ttgcccacag	aacctcttaa	atccccttgt	aaattgaact	gtagtccaa	300
agaggaacag	ctctttggac	actaagaaaa	g			331

<210> 2332

<211> 321

<212> DNA

<213> Homo sapiens

<400> 2332

aattaggaga	tgctgatctc	tcacattatg	aatttctaaa	tcctagaaaag	aaaggcttgg	60
agagcttctg	aatatagaga	agtttcattt	aaggactagg	tcccccttgt	tgatgtatca	120
aaatattaca	gactctaaac	tgagacttaa	ttctcaaatg	tgttttactt	gatctaaaat	180
aatctgtcca	caaaaataaa	attctaagta	ataaattgtt	attttccac	cgggggaatc	240
actaaccat	ttatgctga	gggtgcaatt	ttttgaactt	gaaaatcaga	ccttggcgat	300
gactttgaac	aaaatattaa	t				321

<210> 2333

<211> 167

<212> DNA

<213> Homo sapiens

<400> 2333

taaaacactg	aactgaccat	taacagccca	atatctacaa	tcaaccgaca	agtcattatt	60
accctcactg	tctacccaac	acaggcatgc	tcataaggaa	aggtttgaaa	aagtacaagg	120
aactcggcaa	atcttaccac	gcctgtttac	caaaaacatc	acctctt		167

<210> 2334

<211> 402

<212> DNA

<213> Homo sapiens

<400> 2334

agatgcctgc	tatcctgact	aatttaagtc	attagctgac	tgcatagctc	tttttcttga	60
gaggctctcc	attttgattc	agaaagttag	catatttatt	accaatgaat	ttgaaaccag	120
ggcttttttt	tttttggggg	aaggaaaacc	cacctccttc	cccccaaaaa	attaaaaaag	180
gccccttggt	ttctttatta	aggaaccccc	ttctaattaa	tgggccaac	cccaaggaac	240
aaaaatttcc	caatattctg	cgcctccgaa	aaagaggtgc	ctttttaaga	aaacacgttt	300
tttaccttta	acaaaaaacc	cagggggaaa	aataaaacct	tcggggggga	aatccggggg	360
gtgaaaaaaa	ggggccttcc	attccccccc	cgtttttttt	tt		402

<210> 2335

<211> 367

<212> DNA

<213> Homo sapiens

<400> 2335

agttgtgata	cgaatagaac	aaaaaaaaaa	aaacccttaa	acttttgtgg	ggaccccaag	60
gagttgggaa	cttggggaaa	aataaccccg	gccccagcgg	ttcccaccca	cattccattt	120
ttttcttttg	aacggattta	gtaaggccca	aagggggaac	cccttctttg	gaaaaaagtc	180
ccaattgggg	tctaaaacgg	gggaaaaaaa	acaacccggc	cgccacttgg	ttaaacctaa	240
aagcttttaa	aaacccaata	tattcggccca	aaaatatccc	tggaatggtta	cccctcaccc	300
cataggggtt	tttggttttt	aaacaaaata	atatttgtcg	gggggggaaa	aacccttggc	360
tttcaaa						367

<210> 2336  
 <211> 188  
 <212> DNA  
 <213> Homo sapiens

<400> 2336						
ggctgcctct	aggttctggg	aagatggcga	aggctctcaga	gctttacgat	gtcacttggg	60
aagaaatgag	ggataaaatg	agaaaatgga	gagaagaaaa	ctcaagaaat	agtgaacaaa	120
ttgtggaagt	tggagaagaa	ttaattaatg	aatatgcttt	taagctgggg	agatgatatt	180
tggtatat						188

<210> 2337  
 <211> 393  
 <212> DNA  
 <213> Homo sapiens

<400> 2337						
cggtgctgtc	ggaaaaggcc	aagatagcat	agaacctgtt	cccgggtcaaa	aggggaaaaa	60
aaaagcagtg	gagcagcgtg	acttcatttg	agtggacagc	acaggaaaga	ggctgctctt	120
catggctaata	gaagcagact	tggatgaaga	gctgggtcatt	aagggatcca	tcctacagaa	180
gtcaataact	tctatccgga	gtgaactgat	tccatattta	gtgagaaaac	agttttcttc	240
agcttctctca	caacaggggac	aagaagaaaa	agaggaggat	ctaaagaaaa	aggagctgaa	300
gtccttagat	atctacagtt	ttataaaaga	agccaataca	ctgaacctgg	ctccctatga	360
tgctgctgg	aatgcctgtc	gaggagacag	gtg			393

<210> 2338  
 <211> 172  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(172)  
 <223> n = A,T,C or G

<400> 2338						
atnaacaaac	ttaagtatgc	cctgacagga	gatgaaacta	agaagatttg	cgtagcagcg	60
ttcattaaaa	tcgatggcaa	ggtacgaact	gatataacct	accctgctgg	attcatggat	120
gtcatcagca	ttgacaagac	gagagagaat	ttccgtctga	tctatgacac	cg	172

<210> 2339  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(396)  
 <223> n = A,T,C or G

<400> 2339  
 cggttgctgtc ggtgacctgc agagcctgtt ggggtacacc cctgaggagc tgcacgccat 60  
 gctggacgtc aagccagatg cgcacgagtg atggcactga aggggctggg gaaaccctgc 120  
 tgagaccttc caaggacagc cgtgttggtt ggactctgaa ttttgaattg ttattctatt 180  
 ttttattttc cagaactcat tttttacctt caggggtggg agctaagtca gttgcagctg 240  
 taatcaattg tgcgcagttg ggaaaggaaa gccaggactt gtgggggtggg tgggaccaga 300  
 aattcttgag caaatTTTca ggagaggag aagggccttc tcagaagctt gaaggctctg 360  
 gcttaacaga gaaagagact aatgtgtcca atcatn 396

<210> 2340  
 <211> 385  
 <212> DNA  
 <213> Homo sapiens

<400> 2340  
 cggttgctgtc gccaaaatcg caccactgta ctccagcctg ggtggcagag tgagactccg 60  
 tctcaaaaaa aaaaaagggc cttaacctat cccttaggac aaagggactt aaaaaatttt 120  
 tacaaaactt tttatccggg gagggcaaaa tatacttttt attcttcacc ccagggaaca 180  
 ttctccaaaa taaccatat gatgggcccc aaaacaagtc tcaataattt taaaaaaatg 240  
 gaaatttatat caggtcctct tttaaaccac aggggaataa aatgggaaat cacctccaaa 300  
 gggacccttc aaagccttgc aaagacatgg aaattaaata cctgctccg ggattatggt 360  
 ggggtcaata acaaaatcga gaggg 385

<210> 2341  
 <211> 352  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (352)  
 <223> n = A,T,C or G

<400> 2341  
 acataagttg caatactgac ataccctgag aatttgatca ccttcctcta agccttcctt 60  
 ggctgcaggg ctatcttcta gaacgccagc tacaaatatt ccaacatcat ttccaccagc 120  
 cagccgcaaa cccacactat ctcttttct gaattttacc aatttcattg tgggcctgtt 180  
 aaaacagata tttcatttga aacagttaag aagagcttaa aacgttgtag caatcactac 240  
 agtgaaaact atattcagaa ttaaataaag aaccatcatt tctaaaactt ctctcatacc 300  
 actatTTTtac taaataaaat ttagtgttag aattcaaata agacttaata an 352

<210> 2342  
 <211> 388  
 <212> DNA  
 <213> Homo sapiens

<400> 2342  
 aattaggaga tgctgatctc tcacattatg aattttctaaa tcctagaaag aaaggcttgg 60  
 agagcttctg aatatagaga agtttcattt aaggactagg tcccccttgt tgatgtatca 120  
 aaatattaca gactctaaac tgagacttaa ttctcaaata tgttttactt gatctaaaat 180  
 aatctgtcca caaaaaataa attctaagta ataaattgtt attttccac cgtgggaatc 240  
 actaaccat ttatgcctga ggttgcaatt ttttgaactg caaaatcaga ccttggcgat 300  
 gactttgaac aagatataaa taacttcac atgcttagcg ttccaataat ggaacactgg 360  
 gcatataatg tgaaatgtat tctatgaa 388

<210> 2343

<211> 183  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(183)  
 <223> n = A,T,C or G

<400> 2343  
 acgttcncc gctatatgcg gcggtctggc aggaatggga ggcattccata acgagaagga 60  
 gaccatgcaa agcctgaacg accgcctggc ctcttacctg gacagagtga ggagcctgga 120  
 atacgaaaac cggaggctgg agagcaaaat ccgggagcac ttggagaata agggacccca 180  
 ggt 183

<210> 2344  
 <211> 405  
 <212> DNA  
 <213> Homo sapiens

<400> 2344  
 cgttgctgtc gggcatgtgc ctgtggtcct agctactcat gaggctgagg taggaggatc 60  
 acttgagcct gggagggtcga ggctgcagtg agccatgaac atgctactgc attccagcct 120  
 gggcaacaga gtgagaccct ggctcaaaaa acaaaaacaa aaactagttt gtttttagtat 180  
 tcattaatta cgtatatgag cactggtagt ctagtgtttg ttcttgtata cagagttttc 240  
 ttaaattgaga tgatgctatt taattctgtt acttggtttt tcaactaatg gatcttttaa 300  
 agttttttat ttaaattttt tgtgggtaca tattaggtac atatacttat ggggtacatg 360  
 agatgttttt ataaaggctc agctaatagt tcttgaatat catgt 405

<210> 2345  
 <211> 329  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(329)  
 <223> n = A,T,C or G

<400> 2345  
 ggagctcaga gctaaggaag aagagcgcct aaataaactc cgactggaaa gcgaaggctc 60  
 tcctgaaact cttacaaact taaggaaagg atacctgttt atgtataatc ttgtgcaatt 120  
 cttaggattc tcctggatct ttgtcaacct gactgtgcga ttctgtatct tgggaaaaga 180  
 gtcccttttat gacacattcc atactgtggc tgacatgatg tatttctgcc agatgctggc 240  
 agttgtggaa actatcaatg cagcaattgg agtcactacg tcaccggtgc tgccctctct 300  
 gatccagctt cttggaagaa attntatct 329

<210> 2346  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<400> 2346  
 ggcacgaggc cggccaatgc cggaccgctt tggcaccgtc cgcccgatct ctccaccctg 60  
 gggccggcaa tggcggggcg agtttctgctc ttgggtgtgg tggggctgct gcttgtgtct 120  
 gcgctgtccg gggtcctagg agaccgagcc tatcccgacc tccggacaca cccagggaac 180  
 gcagcccacc ccggtctctg agccacggaa ccccgggcggc gaccaccgct caaggatcaa 240



cgcgagcgga	ccccgggcgg	gtcgctgcct	ctggggggcgc	tgtacaccgc	ggccgtcgcg	300
gcttttgtgc	tgtacaagtg	tttgcagggg	aaagatgaaa	ctgcggttct	ccacgaggag	360
gcaagcaagc	agcagccact	gcagtcagag	caac			394

<210> 2347  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 2347						
attatgacag	aggttactct	agcctgctta	aaagagattt	tggggcaaaa	actcagaatg	60
gtgtttacag	tgctgcgaat	tacaccaatg	ggagctttgg	aagtaatttt	gtgtctgctg	120
gtatacagac	cagttttaag	actggtaatt	caacagggac	tt		162

<210> 2348  
 <211> 358  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(358)  
 <223> n = A,T,C or G

<400> 2348						
cgttgctgtc	gattcanaat	tgggatgggg	gttgggggtga	agcacactta	ttatcttcag	60
ttgcagtgat	ttcaaattta	agattttttg	ttggttggttt	gaactgtccc	cttagtttct	120
tgttatttcc	aatttgttct	gcttagtcat	tacttttaat	tcttttctta	ctaaaatttt	180
atggagggtg	ggggaagggg	gttagcatca	ctaacctgac	agttgttgcc	aggaatttgc	240
tctgtttact	gctagtatat	tagaaatcct	agatctcaga	atcacaatag	taataaacia	300
caggggtcat	tttttctaa	cttactctgt	gttcaagtgt	ggaatttctg	tctcccan	358

<210> 2349  
 <211> 420  
 <212> DNA  
 <213> Homo sapiens

<400> 2349						
tctactgtgg	cactatttta	gcaagttaaa	atttagtta	accctctcat	tattaaagag	60
gaaaggcgat	gggtgatgtc	gtagtacaat	ataaaccata	attgtgattt	accttaagta	120
ggtataactc	ttatgggata	tacagtatag	tttttgtgaa	tctttacatg	acagcattat	180
ctttttataa	ttttttttcc	taagataaac	aaatgcatag	ttttcttcta	tgggtgatag	240
aaacagcttt	ttgaagtaat	gaaaacctca	aaagatcatg	ttgattctta	atttttgcct	300
tttgcataag	cctctttata	acatgtatct	ttaaaaccaa	ttaagtcttt	aggaatgtgt	360
aaccagaact	atgttagtat	tgcttataaa	acttttaggt	gggtcaatat	atacctatag	420

<210> 2350  
 <211> 373  
 <212> DNA  
 <213> Homo sapiens

<400> 2350						
cgttgctgtc	gaataagatg	tattctttat	aattgaattg	gtttttccca	cgtctaactg	60
gaaacaaaac	agaaggggcg	tcataaattt	gaataagcag	aacataactg	tctcaacata	120
ctgtaaatcaa	aaggaggaat	ttcagtgggt	ctctgtgtgt	atgagagaga	gagtgtgtgt	180
ttgtgtgttt	caaggtcaca	acaggctttt	ttgtttttgt	tttttgctct	ttgtctcctt	240
tcgagaagga	ggcctgctct	tgccgcccgag	gctggattcc	acacgcgcc	tctccatcca	300

ctgtatcctc	tgccctccag	ggtcagccag	gactactgcc	tcctcctccg	gacgaactgg	360
gaccccccca	ccc					373

<210> 2351  
 <211> 294  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(294)  
 <223> n = A,T,C or G

<400> 2351						
ggcggctggc	ctgcatcggg	gacgagatgg	acgtgagcct	cagggccccc	cgccctggccc	60
agctctccga	ggtggccatg	cacagcctgg	gtctggcttt	catctacgac	cagactgaag	120
acatcagggg	tgttcttana	agtttcttgg	tcgggttgac	caccttaag	gataacattt	180
ttattttttg	gagacaccca	aaccccggtt	cctgtttctc	cttctcacac	gatctttctt	240
ctctttggtt	gttgccggtt	gcgttggttt	cctcacgtct	tcaccttgcc	tgtc	294

<210> 2352  
 <211> 322  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(322)  
 <223> n = A,T,C or G

<400> 2352						
aaatatagaa	acaaaagatt	attgccagcc	accacaaata	cacacttaac	tatgtagacc	60
attgaaacta	taaagcaact	acacaatcaa	gtctacatga	caaccgctta	acaacacaat	120
gacacgatca	atTTTTcaca	tatctacatt	aaccttggac	acaaaagggc	taaacagctc	180
acttaaaagg	tacagagtgg	caagttagat	acagaagcaa	gacctgactg	catgctgtct	240
tcaagagatc	catctcacat	gcagtaacat	ctatgggctc	aaagtaaagg	gattgagaaa	300
catgtttgaa	gtaaatggaa	an				322

<210> 2353  
 <211> 164  
 <212> DNA  
 <213> Homo sapiens

<400> 2353						
aggttcccc	tgggtacag	gaaggcagga	ggggtgagtc	ccctactccc	tcttcaactgt	60
ggccacagcc	cccttgccct	ccgcctggga	tctgagtaca	tattgcggtg	atggagatgc	120
agtcacttat	tgtccaggtg	aggcccaaga	gccctgtggc	cgcc		164

<210> 2354  
 <211> 284  
 <212> DNA  
 <213> Homo sapiens

<400> 2354						
gacgttggct	gcgttttcgg	cgggcttccc	gggtacaaaa	atggctgtgg	ctagcgattt	60
ctacctgcgc	tactacgtag	ggcacaaggg	caagtttggg	cacgagtttc	tgaggttcga	120
atttcggccg	gacggaaagc	ttagatatgc	caacaacagc	aattacaaaa	atgatgtgat	180

gatcagaaaa	gaggcttatg	tgacaaagag	tgtaatggaa	gaactgaaga	gaattattga	240
tgacagtga	attacaaaag	aagatgatgc	tttgtggcct	cccc		284

<210> 2355  
 <211> 388  
 <212> DNA  
 <213> Homo sapiens

<400> 2355						
ggcacgagat	gagcccagcc	ttcaggggtct	ttgatgtgga	gccccgcgcc	aaaggcgtcc	60
ttctggagcc	ctttgtccac	caggtcgggg	ggcactcatg	cgtgctccgc	ttcaatgaga	120
caaccctgtg	caagcccctg	gtcccaagg	aacatcagtt	ctacgagacc	ctccctgctg	180
agatgcgcaa	attcaactccc	cagtacaaa	gacaaagcca	aaggccccctt	gttagctggc	240
catccctgcc	ccattttttc	ccctggtcct	ttccctgtg	gccacaggga	agtgtggcct	300
gaatacccca	ccccgggtcc	tctgcacca	aagctggggg	ccacctcaga	agtgtcatct	360
ctctttgagc	acgcattccc	ctggagag				388

<210> 2356  
 <211> 336  
 <212> DNA  
 <213> Homo sapiens

<400> 2356						
ggaaaaccag	ctctgagggt	gagccattga	taaatgctta	taaacatctt	ggccaagagg	60
acacatcagc	ccaaggagga	ctagaggcac	aaatatgcca	gctacctttg	gacatttggc	120
agggggatac	aatggccact	attatggata	tctttggagt	gaagtatttt	ccatggatat	180
gttttacagc	tgttttataa	cagaagggat	catgaacacg	gaggttggaa	cgaatttccg	240
aaggctcacc	ctgatacctg	cgggatctct	ggacgggggtg	gacatgctac	acaatttctt	300
ggacgtgagt	gaagcctcag	agcgtttcta	cagact			336

<210> 2357  
 <211> 325  
 <212> DNA  
 <213> Homo sapiens

<400> 2357						
ggatgacgtc	actgcaaggc	gccgggggac	acgttggtcg	cgttttcggc	gggcttcccg	60
ggtacaaaaa	tggtctgtggc	tagcgatttc	tacctgcgct	actacgtagg	gcacaagggc	120
aagtttgggc	acgagtttct	ggagttcgaa	tttcggcccg	acggaaagct	tagatatgcc	180
aacaacagca	attacaaaaa	tgatgtgatg	atcagaaaag	aggcttatgt	gcacaagagt	240
gtaatggaag	aactgaagag	aattattgat	gaccgtgaaa	ttaccaaaga	agatgatgct	300
tttgtggcctt	cccctgataa	gggtg				325

<210> 2358  
 <211> 405  
 <212> DNA  
 <213> Homo sapiens

<400> 2358						
tgagcccagc	cttcaggggc	atggatgtgg	agccccgcgc	caaaggcgtc	cttctggagc	60
cttttgtcca	ccaggtcggg	gggcactcat	gcgtgctccg	cttcaatgag	acaaccctgt	120
gcaagcccct	ggtcccaagg	gaacatcagt	tctacgagac	cctccctgct	gagatgcgca	180
aattcaactcc	ccagtacaaa	ggacaaagcc	aaaggccccct	tgtagctgg	ccatccctgc	240
cccatttttt	cccctgggtcc	tttccctgt	ggccacaggg	aagtgtggcc	tgaatacccc	300
accccggtcc	ctctgcaccc	agagctgggg	gccacctcag	aagtgtcatc	tctctctgag	360
cacgcattcc	cctgcagcag	tcgaggactg	agcagattga	gtgat		405

<210> 2359  
 <211> 387  
 <212> DNA  
 <213> Homo sapiens

<400> 2359  
 ggcaacgagg cgagtgtagt gcttccgagc ggatcccagt gtgcggcggc agcggcgggcg 60  
 gcgggcgcctc ccggggtccg gctccggctt ctgctgttgc tcttctccgc cgcggcactg 120  
 atccccacag gtgatgggca gaatctgttt acgaaagacg tgacagtgat cgagggagag 180  
 gttgcgacca tcagttgcca agtcaataag agtgacgact ctgtgattca gctactgaat 240  
 cccaacaggc agaccattta tttcagggac ttcaggcctt tgaaggacag caggtttcag 300  
 ttgctgaatt tttctagcag tgaactcaaa gtatcattga caaacgtctc aatttctgat 360  
 gaaggaagat acttttgcca gctctat 387

<210> 2360  
 <211> 413  
 <212> DNA  
 <213> Homo sapiens

<400> 2360  
 gactgctgca gccggcgctg ggcccaggca ccaccgcggt gctgctgctg cagatctcca 60  
 cgcggcccgga ggatctcggg gagacagtct gctccctcaa gtgcgcccgc cgagtgggtc 120  
 aagtggagct ggggccagcc cggcgccgca ggggtccgcg ctctccggg acgccttctt 180  
 cctcagcac cgacactccg ctacccggga cccctgcac cctacgcgc tcccctggca 240  
 gtctccatg cccagtcgc gacaacggct cgggctcggc tctcgccccc gcagagggcc 300  
 tgcccctcta gtctgggtc gggccctgc ccatggggtc tcaggccagg tctctgctgg 360  
 cagaggcggg agtaaagtcc ctgtaccccg tctcccaggg cacaagctcc cta 413

<210> 2361  
 <211> 318  
 <212> DNA  
 <213> Homo sapiens

<400> 2361  
 gatgctcggg gctgccttgg ccaaggcggg gagtcctgag gagaggttct ggaatgcac 60  
 tggggcgggc tttgtgacag tccaggagca ggggcagggt gcaggggcgt tgggtggcaga 120  
 gatcatcctg acgacactgc tggccctggc tgtatgcatg ggtgccatca atgagaagac 180  
 aaagggccct ctggccccgt tctccatcgg ctttgcgcgc accgcggata tctgggtgg 240  
 gggccctgtg tctggaggct gcatgaatcc cggccgtgct tttggacctg cgggggtggc 300  
 caaccactgg aactttcg 318

<210> 2362  
 <211> 321  
 <212> DNA  
 <213> Homo sapiens

<400> 2362  
 cagccatgtc tggtcgaact gctgggctct gctctcttca tcttcatcgg gtgcctgtcg 60  
 gtcacacagaa tgggacggac actgggctgc tgcagacggc cctggccccac gggctggctt 120  
 tggggctcgt gattgccacg ctgggggaata tcagtgggtg acacttcaac cctgcggtgt 180  
 cctgggcagc catgctgacg ggaggcctca acctggtgat gctcctcccg tactgggtct 240  
 cacagctgct cgggggggatg ctccgggctg ccttggccaa ggcggtgagt octgaggaga 300  
 ggctctggaa tgcactggg g 321

<210> 2363  
 <211> 386  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(386)

<223> n = A,T,C or G

<400> 2363

cgttgctgtc	ggctgcgcg	cgcanagta	acctacttgg	tctcctgctt	tcgcgacatg	60
gccttcaatt	ttggggctcc	ctcgggcacc	tccggtaccg	ctgcagccac	cgcggccccc	120
gcggatcata	tctgaagata	ttagtgagct	acaaaagaat	caaactacat	ctgtagccaa	180
aattgcacaa	tacaagagga	aactcatgga	tctttcccat	agaactttac	aggtocta	240
caaacaggaa	attcaaagga	agagtgggta	tgccattcag	gctgatgaag	agcagttg	300
agttcagctg	gatacgattc	aggggtgaact	aaatgcacct	actcagttca	agggccgact	360
aatgaattg	atgtctcaaa	tcaggg				386

<210> 2364

<211> 381

<212> DNA

<213> Homo sapiens

<400> 2364

ggcagcaggg	taagaagagc	tgtcgcatta	cccaggcatc	gtggatggcc	cgcagccct	60
ggatagcttc	ccagagacag	tgccccag	accagggcc	tatggaccgc	accggccttc	120
ccagaccctg	ccccaggct	tggacagcga	cggctgaag	agggagaagg	atgagatcta	180
tggacaccgc	ctcttcccc	tottggccct	ggtctttgag	aatgtgaac	ctggctacat	240
gctctccccg	tgacggggcc	ggagctgggc	tggggacacc	ccctggagga	gatgtctgct	300
cctctgatta	cttcaacgag	gacatcgctg	cctttgccaa	gcaggtccgc	tctgagaggc	360
ccctcttctt	cttcaaccca	g				381

<210> 2365

<211> 382

<212> DNA

<213> Homo sapiens

<400> 2365

cgttgctgtc	ggcagattct	gcagccatca	aacatccagc	agcagcaaag	cctgcagccg	60
ccaccaccac	caccacagcc	gcaccttggc	gtgagctcag	cagccagcgg	ccacctgggc	120
cggagcttcc	tgagtggaga	gccagccag	gcagacgtgc	agccactggg	ccccagcagc	180
ctggcggtgc	acactattct	gccccaggag	agccccgccc	tgcccacgtc	gctgccatcc	240
tcgctggggc	cacccgggac	cgcagcccag	ttcctgaagc	ccccctcgca	gcacagctac	300
tgctcgctg	tgacaacac	ccccagccac	cagctacagg	tgcttgagca	cccctttctc	360
accccgctcc	ctgagtcccc	tg				382

<210> 2366

<211> 319

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(319)

<223> n = A,T,C or G

<400> 2366

ggggtacaaa	aatggctgtg	gctagcgatt	tctacctgcg	ctactacgta	gggcacaagg	60
gcaagtttgg	gcacgagttt	ctggagttcg	aatttcggcc	ggacggaaag	cttagatatg	120

ccaacaacag	caattacaaa	aatgatgtga	tgatcagaaa	agaggcttat	gtgcacaaga	180
gtgtaatgga	agaactgaag	agaattattg	atgacagtga	aattacaaaa	gaagatgatg	240
ctttgtggcc	tccccctgat	aggggttgcc	gacaggagct	tgaaattgta	attggagatg	300
agcacatata	ttttaccan					319

<210> 2367

<211> 397

<212> DNA

<213> Homo sapiens

<400> 2367

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aagtttgggc	acgagtttct	ggagttcgaa	tttcggccgg	acggaaagct	tatatatgcc	180
aacaacagca	attacaaaaa	tgatgtgatg	atcagaaaaag	aggcttatgt	gcacaagagt	240
gtaatggaag	aactgaagag	aattattgat	gacagtgaag	ttacaaaaga	agatgatgct	300
ttgtggcctc	cccctgatag	ggttggccga	caggagcttg	aaattgtaat	tggagatgag	360
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<210> 2368

<211> 406

<212> DNA

<213> Homo sapiens

<400> 2368

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cttcaacgag	gaggctagca	tctacgacaa	gcgctgcgac	ctgtggagcc	tgggcgtcat	180
cttgatatatc	ctactcagcg	gctaccggcc	cttcgtgggc	cgctgtggca	gcgactgcgg	240
atgggaccgc	ggcgaggcct	gccctgcctg	ccaaacatgc	tgtttgagag	cattcaagag	300
ggcaagtacg	aagttccccg	acaggactgg	gccacatct	tctgcgctgc	caagacctca	360
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<210> 2369

<211> 404

<212> DNA

<213> Homo sapiens

<400> 2369

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gatctaaaac	cacagaacat	tctggtgacc	agcagcggac	aaataaaact	cgctgacttc	180
ggccttggcc	gcactatag	tttcagatg	gctctaacct	cagtggctcg	cacgctgtgg	240
tacagagcac	ccgaagtctt	gctccagtcc	agctacgcca	cccccgtaga	tctctggagt	300
gttggctgca	tattttgcaga	aatgtttcgt	agaaagcctc	tttttcgtgg	aagttcagat	360
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<210> 2370

<211> 418

<212> DNA

<213> Homo sapiens

<400> 2370

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gaagaaaact	atttgcacac	gacagatttc	tagatacttt	ttgctgctag	ttttatgtaa	120
tattttattga	acatttttgac	aaatatattat	ttttgtaagc	ctaaaagtga	ttctttgaaa	180
gtttaaagaa	acttgaccaa	aagacagtac	aaaaacactg	gcacttgaat	gttgaatgct	240

accgtatgcg	tgaaattata	tatttcgggg	tagtgtgago	ttttaatggt	taagtcatat	300
taaactctta	agtcaaatta	agcagacccg	gcgttggcag	tgtagccata	actttctgat	360
gttagtaaaa	acaaaattgg	cgacttgaaa	ttaaatacatg	ccaaggtttt	gatacact	418

<210> 2371  
 <211> 400  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(400)  
 <223> n = A,T,C or G

<400> 2371						
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ccttgtagat	tttgcccata	actttttaca	aagtacttct	tttattgcac	attcagagaa	180
ttttatata	atgtccttg	tgcggtgctc	taaacttcca	atcttacttt	gtctcttgga	240
gattgttgaa	cgcagcttgt	ctaggaaggg	gatgggacta	gattctaaaa	tttatttggg	300
accatgggaa	tgatagttgg	gaagaaaact	atttgcacac	gacagatttc	tagatacttt	360
ctgctgctag	ntttatgtga	tattttattga	acattttgag			400

<210> 2372  
 <211> 385  
 <212> DNA  
 <213> Homo sapiens

<400> 2372						
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aaagtacttc	ttttattgca	cattcagaga	attttatata	tatgtcttgt	gtgcgtgtcc	180
ttaaacttcc	aatcttactt	tgtctcttgg	agattgttga	acgcagcttg	tctaggaagg	240
ggatgggact	agattctaaa	attttatttg	gaccatggga	atgatagttg	ggaagaaaac	300
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aacattttga	caaataattta	ttttt				385

<210> 2373  
 <211> 375  
 <212> DNA  
 <213> Homo sapiens

<400> 2373						
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tgccgtcagc	ccggcccccc	tcgcccgcac	tgtcaagctg	ggagcgggtg	tcacggctca	180
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ggctgcaggg	actgcagggc	tctgggggcc	ggggcggggg	gctgcgcagg	ccccagccc	300
gctttgtgcc	ccctcacgac	tgcaagctac	gcttccccct	caagagcaac	ccccagcacc	360
gggagtcttg	gccag					375

<210> 2374  
 <211> 380  
 <212> DNA  
 <213> Homo sapiens

<400> 2374

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ccccagtgga	ccgcatgccg	tcagcccggc	ccccctcgcc	gccactgtca	agctgggagc	120
gggtgtcacg	gctcatggag	gaggaccctg	ccttccgctc	tggctcgtctt	cgctggctca	180
agcaggagca	gctacggctg	cagggaactgc	agggctctgg	gggccggggc	ggggggctgc	240
gcaggccccc	agcccgcctt	gtgccccctc	acgactgcaa	gctacgcttc	cccttcaaga	300
gcaacccccca	acaccgggag	tcttgggccag	ggatggggag	cggggagggt	ccaactccgg	360
tccaaccccc	tgaggaggcg					380

<210> 2375

<211> 373

<212> DNA

<213> Homo sapiens

<400> 2375

cggttgcgtgc	ggccgccact	gtcaagctgg	gagcgggtgt	cacggctcat	ggaggaggac	60
cctgccttcc	gtcgtggtcg	tcttcgctgg	ctcaagcagg	agcagctacg	gctgcaggga	120
ctgcagggtc	ctggggggccg	gggcgggggg	ctgcgcaggc	ccccagccc	ctttgtgccc	180
cctcacgact	gcaagctacg	cttccccctc	aagagcaacc	cccagcaccg	ggagtcttgg	240
ccagggatgg	ggagcgggga	ggctccaaact	ccgctccaac	cccctgagga	ggctactccc	300
catccagcca	cccctgcccc	ccggcctccg	agtccccgaa	ggtcccacca	tccccgcagg	360
aactccctgg	atg					373

<210> 2376

<211> 310

<212> DNA

<213> Homo sapiens

<400> 2376

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ccactgtttt	tggctcctga	ctttgatcgt	tggctggatg	aatctgatgc	ggaaatggag	120
ctcagagcta	aggaagaaga	gcgcctaaat	aaactccgac	tggaaagcga	aggctctcct	180
gaaactctta	caaactttaag	gaaaggatac	ctgtttatgt	ataatcttgt	gcaattcttg	240
tgattctcct	ggatctttgt	caacctgact	gtgcgattct	gtatcttggg	aaaagagtcc	300
ttttatgaca						310

<210> 2377

<211> 426

<212> DNA

<213> Homo sapiens

<400> 2377

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gagcagctac	ggctgcaggg	actgcagggc	tctggggggc	ggggcggggg	gctgcgcagg	120
ccccagcccc	gctttgtgcc	ccctcacgac	tgcaagctac	gcttcccctt	caagagcaac	180
ccccagcacc	gggagtcttg	gccagggatg	gggagcgggg	aggctccaac	tccgctccaa	240
ccccctgagg	aggctactcc	ccatccagcc	acccctgccc	gccggcctcc	gagtccccga	300
aggctcccacc	atccccgcag	gaactccctg	gatggagggg	gccgatcccc	gtgaaggggt	360
tctgcacagc	ctgaaccccc	gcacttccag	cccaaaaagc	acaactctta	tccccagcca	420
ccccat						426

<210> 2378

<211> 354

<212> DNA

<213> Homo sapiens

<400> 2378

ggacacatca	gccaaggag	tactagaggc	acaaatatgc	cagctacctt	tggaattttg	60
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gcaggggggat	acgatggcca	atattatgga	tatcttttga	gtgaagtatt	ttccatggat	120
atgtttttaca	gctgttttta	aaaagaaggg	ataatgaatc	cggaggttgg	aatgaaatac	180
agaaacctaa	tcctgaaacc	tgggggatct	ctggacggga	tggacatgct	ccacaatttc	240
ttgaaacgtg	aggccaacca	aaaagcggtc	ctaataagta	gaggcctgct	tgctcccgga	300
actggggaac	tttgggagcc	gggcatgtct	ggaggaatag	tcgaaatccc	catg	354

<210> 2379

<211> 450

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(450)

<223> n = A,T,C or G

<400> 2379

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cacaaatatg	ccagctacct	ttggacattt	ggcaggggga	tacgatggcc	aatattatgg	180
atatcttttg	agtgaagtat	tttccatgga	tatgtttttac	agctgtttta	aaaaagaagg	240
gataatgaat	ccggaggttg	gaatgaaata	cagaaaccta	atcctgaaac	ctgggggatc	300
tctggacggc	atggacatgc	tccacaattt	cttgaaacgt	gagccaaacc	aaaaagcgtt	360
cctaatagag	agaggcctgc	atgctccgtg	aactggggat	ctttggtagc	cgtccatgtc	420
tggaggacaa	gtcgacatca	ccatgtgttt				450

<210> 2380

<211> 418

<212> DNA

<213> Homo sapiens

<400> 2380

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tttcctaata	gaaaatgggt	caataacttc	tatccggagt	gaactgattc	catatttagt	120
gagaaaaacg	ttttcctcag	cttcctcaca	acagggacaa	gaagaaaaag	aggaggatct	180
aaagaaaaag	gagctgaagt	ccttagatat	ctacagtttt	ataaaaagaag	ccaatacact	240
gaacctggct	ccctatgatg	cctgctggaa	tgccctgtcg	ggagacaggt	gggaagactt	300
gtccagatca	caggtgcgct	gctatgtcca	catcatgaaa	gaggggctct	gctctcgagt	360
gagcacactg	ggactctaca	tggaagcaaa	cagacaggtg	cccaaattgc	tgtctgct	418

<210> 2381

<211> 408

<212> DNA

<213> Homo sapiens

<400> 2381

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gtatctgcct	gcagccaaga	cttcattttg	atggcaaata	cattgtctgt	agttcagcac	120
ttggtctcta	ccagtgggac	tttgccagtt	atgatattct	cagggtcac	aagactcctg	180
agatagcaaa	cttggccttg	cttggctttg	gagatatctt	tgccctgctg	tttgacaacc	240
gctacctgta	catcatggac	ttgaggacag	agagcctgat	tagtcgctgg	cctctgccag	300
agtacaggaa	atcaaagaga	ggctcaagct	tcctggcagg	cgaagcatcc	tggctgaatg	360
gactggatgg	gcacaatgac	acgggcttgg	tctttgccac	cagcatgg		408

<210> 2382

<211> 382

<212> DNA

<213> Homo sapiens

<400> 2382

cgttgctgtc	gccggagccg	aaacaccggt	aggagcgggg	aggtaggtac	tacacaaccg	60
tctccagcaa	tgaccaatga	agctggagct	cctcggctta	tgataactca	tattgtaaac	120
cagaacttca	aatcctatgc	tggggagaaa	attctgggac	ctttccataa	gcgcttttcc	180
tgtattatcg	ggccaaatgg	cagtggcaaa	tccaatgtta	ttgattctat	gctttttgtg	240
tttggctatc	gagcacaata	aataagatct	aaaaaactct	cagtattaat	acataattct	300
gatgaacaca	aggacattca	gagttgtaca	gtagaagttc	attttcaaaa	gataattgat	360
aaggaagggg	atgattatga	ag				382

<210> 2383

<211> 326

<212> DNA

<213> Homo sapiens

<400> 2383

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acacgagcca	agtctcagcg	gattgcaaag	ttcgcctttg	actatgccac	caagaagggg	120
cggggcaagg	tactgctgt	ccacaaggcc	aacatcatga	aacttgggga	tgggttgttc	180
ctgcagtgtc	gtgaggaagt	tgctgaactg	taccccaaaa	tcaaatttga	gacaatgac	240
atagacaact	gctgcatgca	gctgggtgcag	aatccttacc	agtttgatgt	gcttgtgatg	300
cccaatctct	atgggaacat	tattga				326

<210> 2384

<211> 404

<212> DNA

<213> Homo sapiens

<400> 2384

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aagctaaata	tgcagaagtg	gcaaaacaca	aggagcaaaa	caatgattct	cagcttaaaa	120
ttaaggaatt	agaccacaac	atcagcaaac	ataaacggga	ggctgaagat	ggtgctgcaa	180
aggtatccaa	aatggttgaaa	gattatgact	ggattaatgc	agagagacac	ctctttggcc	240
aaccacaatg	tgcctatgat	ttcaaaacta	acaaccctaa	agaagctggt	cagagacttc	300
agaagtttga	agaaatgaag	gagaaaactag	gaagaaatgt	caatatgaga	gctatgaatg	360
tattgacaga	agctgaagag	cgataacaatg	acttgatgaa	gaaa		404

<210> 2385

<211> 388

<212> DNA

<213> Homo sapiens

<400> 2385

cgttgctgtc	gctttgtgac	aacagtttag	gacttatctc	tgagaatctg	gaaacatggg	60
gaatgtgctc	aaactatccg	acttocagct	cagtctatat	ggtgctgctg	tgtgctcgac	120
aatggtgaca	ttgtggttgt	gatggcatta	ttagagtgtc	tacagaatca	gaagatcgaa	180
cagcaagtgc	tgaagaaatc	aaggcttttg	aaaaagaact	gtctcacgca	accattgatt	240
ctaaaactgg	cgatttaggg	gacatcaatg	ctgagcagct	tcctggggag	gaacatctta	300
atgaacctgg	tactagagaa	ggacagactc	gtctaatacag	agatggggag	aaagtcgaag	360
cctatcagtg	gagtgttagt	gaagggag				388

<210> 2386

<211> 391

<212> DNA

<213> Homo sapiens

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<400> 2386
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aaagaaacgg cacattctgt attggggtca gatgcaaag atgtagtat tactgtcccg      120
tttgattttg gagaaaagca aaaaaatgct cttggagaag cagctagagc tgctggattt      180
aatgttttgc gattaattca cgaaccgtct gcagctcttc ttgcttatgg aattggacaa      240
gactccccta ctggaaaaag caatatattg gtgtttaagc ttggaggaa acotttatct      300
ctcagcgtca tgggaagttaa cagtggaata tategggttc tttcaacaaa cactgatgat      360
aacatcggtg gtgcacattt cacagaaacc t                                     391

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<210> 2387

<211> 340

<212> DNA

<213> Homo sapiens

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<400> 2387
gagtacagct ctctggaaca tgagagtgcagggggtgtga ttgagtgttt gaagattgtc      60
acacgagcca agtctcagcg gattgcaaag ttgcctttg actatgccac caagaagggg      120
cggggcaagg tcaactgctgt ccacaaggcc aacatcatga aacttgggga tgggttggtc      180
ctgcagtgtg gtgaggaagt tgetgaactg taccacaaaa tcaaatttga gacaatgatc      240
atagacaact gctgcatgca gctggtgcaa aatccttacc agtttgatgt gcttgatgat      300
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<210> 2388

<211> 411

<212> DNA

<213> Homo sapiens

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<400> 2388
cggttgctgtc ggattctgaa aagttaattc ctgtaccaat ggtgggtttt aaggaacttc      60
tccgaagact gaagggtcaa gatcagatga ctaagcagca tcaaaccaga ttagatatca      120
tatctgaaga tattagttag ctacaaaaga atcaaaactac atctgtagcc aaaattgcac      180
aatacaagag gaaactcatg gatctttccc atagaacttt acaggtccta atcaaacagg      240
aaattcaaag gaagagtggg tatgccattc aggtctgatga agagcagttg cgagttcagc      300
tggtacgatg tcagggtgaa ctaaattgcac ctactcagtt caagggccga ctaaattgaat      360
tgatgtctca aatcaggatg cagaatcatt ttggagcagt cagatctgaa g                                     411

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<210> 2389

<211> 442

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(442)

<223> n = A,T,C or G

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ttagtgggtg tcagaggctt ttagtggcct tgcattaat actgtccatg cttctcttca      180
aacctgctcc aatttatatc cttgatgagg tagatgcagc cttggatctt tctcataccc      240
aaaacattgg acagatgctg cgtactcatt tcacacattc tcagttcatt gtggtgtcac      300
taaaagaagg tatgttcaac aatgcaaacy ttcttttcaa aaccaagttt gtggatgggtg      360
tttctacagt agccagattt actcaatgtc aaaatggaaa gatttcatag gaagcanaan      420
ccaaggcaga accaccana gg                                     442

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<210> 2390

<211> 408  
 <212> DNA  
 <213> Homo sapiens

<400> 2390  
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 cttgcaccac cagaggggtca aactgttttg gatggctctg agttcaaggt tgccttagga 120  
 aatacctgga aagaaaaacct aactgaactt agtgggtggtc agaggtcttt agtggccttg 180  
 tcattaatac tgtccatgct tctcttcaaa cctgctccaa tttatatcct tgatgaggta 240  
 gatgcagcct tggatctttc tcatacccaa aacattggac agatgctgcg tactcatttc 300  
 acacattctc agttcattgt ggtgtcacta aaagaaggta tgttcaacaa tgcaaacggt 360  
 cttttcaaaa ccaagtttgt ggatggtgtt tctacagtag ccagattt 408

<210> 2391  
 <211> 356  
 <212> DNA  
 <213> Homo sapiens

<400> 2391  
 ctggactgaa atataaacca gtgactaacc aggttgagtg tcacccatac ctcacacagg 60  
 agaaactgat ccagtactgc cactccaagg gcatcacctg taoggcctac agccccctgg 120  
 gctctccgga tagaccttgg gccaaagccag aagacccttc cctgctggag gatcccaaga 180  
 ttaaggagat tgctgcaaag cacaaaaaaa ccgcagccca ggttctgac cgtttccata 240  
 tccagaggaa tgtgattgtc atcccccaagt ctgtgacacc agcacgcatt gttgagaaca 300  
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<210> 2392  
 <211> 400  
 <212> DNA  
 <213> Homo sapiens

<400> 2392  
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 ccgaggtctg gactttcttc attcacaccg agtagtgcac cgcgatctaa aaccacagaa 120  
 cattctgggtg accagcagcg gacaaaataaa actcgctgac ttcggccttg ccgcacatcta 180  
 tagtttccag atggctctaa cctcagtggg cgtcacgctg tggtagagag caccggaagt 240  
 cttgctccag tccagctacg ccacccccgt ggatctctgg agtggtggct gcataatttgc 300  
 agaaatgttt cgtagaaagc ctctttttcg tggaagtcca gatgttgatc aactaggaaa 360  
 aatcttggac gtgattggac tcccaggaga agaagactgg 400

<210> 2393  
 <211> 364  
 <212> DNA  
 <213> Homo sapiens

<400> 2393  
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 gggcatcacc gttacggcct acagccccct gggctctccg gatagacctt gggccaagcc 180  
 agaagaccct tccctgctgg aggatcccaa gattaaggag attgctgcaa agcacaaaaa 240  
 aaccgcagcc caggttctga tccgtttcca tatccagagg aatgtgattg tcatccccaa 300  
 gtctgtgaca ccagcacgca ttgttgagaa cattcagggtc tttgacttta aattgagtga 360  
 tgaa 364

<210> 2394  
 <211> 436  
 <212> DNA

<213> Homo sapiens

<400> 2394

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cctcactgaa		tctgctgggg	ctggaacaat	ttccgaagtg	tgggactaca	atactggcag	240
agtgggagca		ccattagttt	gctgtgaaat	caaattataa	aactgggagg	aaggtggata	300
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<210> 2395

<211> 382

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(382)

<223> n = A,T,C or G

<400> 2395

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<210> 2396

<211> 429

<212> DNA

<213> Homo sapiens

<400> 2396

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agttccggaa	atcatggatc	ggatctacaa	aaatgtcatg	aataaagtca	gtgaaatgag	240
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